RADIO SHACK 50TH ANNIVERSARY CATALOG

The nationwide supermarket of sound® celebrates its sixth decade of leadership in consumer electronics retailing and manufacturing

RADIO SHACK
ELLISBURG SHOPPING CENTER
CHERRY HILL, N.J.
428-6685

A new "everything system" with digital computer technology

When you operate your own factories, you really make sweet music. Take our new STA-2250 receiver: its tuner has no dial, pointer or knob; instead, you get your choice of 16 favorite stations stored in pushbutton memory, or FM-AM auto-scanning, all with true digital precision. Add two Optimus 10 speakers, a new LAB-390 direct-drive turntable with cartridge and dust cover, the new SCT-22 cassette deck equipped for metal tape, and PRO-20 headphones. Then—surprise?—subtract $232.70 off the "each" price. (Discounts are something else we've engineered for 60 years!)

Regular Separate Items $1131.70

Pay only

$899

for everything

1981 CATALOG NO. 328

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Amazing Telephone Breakthrough!

NEW FOR '81

Cordless Handset Gives You "Walk & Talk" Convenience Without Tangling Cords!

The Radio Shack ET-350 is the first complete answer-and-dial telephone with a cordless handset and "full-duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset and talk; to call, just "dial" from the pushbutton base unit. The big difference is, you're unrestricted by a cord! Because this phone is *all-electronic*, you get the added benefits of Auto-Redial for one-button redialing of the last number entered if it was busy or didn't answer, and a Universal Dial System for pushbutton convenience even on rotary-dial lines—without extra service charges. There's also a "privacy" button so you never need to cover the mouthpiece with your hand, plus a pleasant tone that replaces the harsh sound of a bell. The base unit may be used on desk or wall. With nickel cadmium batteries and built-in automatic charger U.L. listed for AC operation. FCC approved, of course. Designed, engineered and manufactured in Radio Shack's own factory! Beige color. Ask for Cat. No. 43-266.

Amazing Low Price 99.95

50-Foot Range!
Take Your Handset From Room To Room

No Cord!
Move around at will without messy, twisted, tangling, trailing wires!

Base Unit—For Wall Or Desk

CORDLESS: No cord to burn on stove or knock over containers

CORDLESS: Unrestricted movement around an entire office

CORDLESS: Take your phone calls where you want them

© 1980 Tandy Corporation. Fort Worth, Texas 76102 • Printed in U.S.A.

Radio Shack is More Than Just 7700 Stores! It's Also 25,000 Skilled and Dedicated People Working in Over 40 Countries Around the World!

It's Technological Leadership with Over 1000 Computer Employees . . .

Three years ago we introduced our TRS-80 personal computer, becoming the first company to mass-produce computers. Today we're the acknowledged market leader.

It's Engineering Excellence . . .

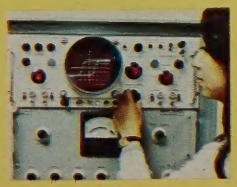
Engineering staffs in the USA and Japan make sure our brands can boast the latest advances in electronics —keeping quality high and production costs down. We're always updating to make our products even better.

It's 5500 Employees in Manufacturing . . .

We own and operate 21 factories in 5 countries, including 17 in the USA and others in Canada, Japan, South Korea, and Taiwan. That's over one million square feet of factory space.

It's Quality Control . . .

We know you want equipment that works, not "bargains" that break down when you get them home. That's why we have 8 experienced engineers dedicated solely to maintaining very high quality standards.



It's Over 300 Technicians Providing Service After the Sale . . .

Our guarantees are meaningful—service and parts available through our stores in 40 countries. In addition we have 156 company-operated repair and computer service centers.

It's Our Exclusive Brands

Our products are custom-made by or for Radio Shack and no one else. Choose our own national brands and be assured of outstanding product life on everything you buy.

It's Expert, Friendly Salespeople . . .

Because our over 7000 full-time salespeople deal only in our brands, they really know the products and can answer questions intelligently. You'll get no double-talk.

It's 60 Years of Earning Your Trust . . .

We've earned a reputation for quality, reliability and value —over 25,000,000 active customers prove it!

USE YOUR CREDIT CARD TO BUY NOW, PAY LATER. MasterCard and Visa are honored at most Radio Shack locations. Other credit plans may be available at individual stores.

MOST AC ITEMS U.L. LISTED. It means that your product meets specifications for electrical safety by Underwriters' Laboratory. FCC regulations are strictly observed.

EIA MEMBER. Our membership in the Electronics Industry Association is another assurance that our products meet high industry standards.

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Prices shown are subject to change without notice. Prices apply to participating stores in continental USA but may vary from store to store. Radio Shack cannot be liable for pictorial or typographical errors.

Low-Profile Receiver with Digital Frequency Display! Auto-Magic® Tuning Locks FM Stations On-Frequency

NEW FOR '81

25 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

- *4-Digit Display Shows Exact FM and AM Frequencies*
- *5-Level AM/FM Signal Strength Indicators*
- *FM Muting for Noise-Free Tuning • PLL FM*

299.95

Realistic STA-720. We've replaced the mechanical tuning dial with an LED display and an accurate electronic counter. You can see the exact station frequency from across a room. Exclusive Auto-Magic® fine-tunes FM stations for you, and locks them on-frequency for cleanest sound—automatically. Phase-locked loop multiplex (PLL) assures full FM stereo channel separation. The phono preamp features a new IC that lowers distortion while maintaining proper RIAA equalization for superb sound from your LPs. High-level audio stages are direct-coupled for clean and powerful bass. Other luxury "touches" are 10 "thin-line" pushbutton controls, 5 LED mode indicators, full tape monitoring circuitry, detented bass and treble controls, and a 40-detent volume control. Amplifier is fully protected against overheating and overloading. Looks great, sounds great! U.L. listed. **31-1997** **299.95**

AMPLIFIER. Response: 20-20,000 Hz ±1 dB at 1 watt. **Intermodulation Distortion:** 0.03% at 20 watts. **Signal-to-Noise:** 81 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.0 dB. **Stereo Separation:** 45 dB at 1 kHz. **Stereo Harmonic Distortion:** 0.3%. **Signal-to-Noise:** 70 dB. **Image Rejection:** 55 dB. **Selectivity:** 55 dB. **AM TUNER. Sensitivity:** 320 microvolts for 20 dB S+N/N. **Image Rejection:** 48 dB. **EXTERNAL CONNECTIONS.** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, mag phono, aux, tape in/out, AC outlet, phono ground. **SIZE:** 3¾x16½x12¼".

GOOD SYSTEM

Save $50.80 Reg. Separate Items 479.80 **429.00**

- *Realistic STA-720 AM/FM Stereo Receiver*
- *Two Minimus-7 Silver Cast-Aluminum Speakers*
- *LAB-56 Changer with Base, Dust Cover, Magnetic Cartridge*

BETTER SYSTEM

Save $54.80 Reg. Separate Items 549.80 **495.00**

- *Realistic STA-720 AM/FM Stereo Receiver*
- *Two Minimus-11 Silver Cast-Aluminum Speakers*
- *LAB-120 Turntable with Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM

Save $60.80 Reg. Separate Items 599.80 **539.00**

- *Realistic STA-720 AM/FM Stereo Receiver*
- *Two Optimus-23 Walnut-Veneer Speakers*
- *LAB-58 Turntable with Base, Dust Cover, Magnetic Cartridge*

CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

New! All-Digital Receiver at Our Lowest Price Yet! Computerized! Quartz-Locked! 16-Station Memory!

NEW FOR '81

50 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

AMPLIFIER. Response: 20-20,000 Hz. ±0 dB. **Signal-to-Noise:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 170 millivolts. **FM TUNER. Sensitivity (IHF):** 2 microvolts (11.3 dBf). **Capture Ratio:** 1.5 dB. **Stereo Separation:** 48 dB. **Stereo Harmonic Distortion:** 0.3%. **Mono Harmonic Distortion:** 0.2%. **Signal-to-Noise Ratio:** 67 dB at 1 millivolt. **AM TUNER. Image Rejection:** 45 dB. **EXTERNAL CONNECTIONS.** AM and 75/300-ohm FM antenna, A and B speaker pairs, headphone jack, mag phono, aux, phono-type and DIN jacks for Tape-1, 2 in/out, AC outlet, phono ground. **SIZE:** 5⅛x19⅜x13¾."

Genuine Walnut Veneer Case **429.95**

- *Memory "Sensor-Buttons" Store 8 FM, 8 AM Stations*
- *6-Level LED AM/FM Signal Strength Indicator*
- *Dual-Gate MOSFET FM Tuner • Full-Feature Preamp*

Realistic STA-2250. Computerized tuning convenience and accuracy plus a very versatile control section—at a breakthrough price. Touch a button and scan up or down the bands, automatically or manually, stopping perfectly tuned at each station—with its frequency shown on a big fluorescent display. Store any 16 stations in the memory for instant recall. FM muting blanks out all tuning noise, and a Hi-MPX filter cleans up weak stereo signals. The preamp has hi and low filters to remove record scratch and rumble, up-front tape monitoring and dubbing controls, 11-detent bass, midrange and treble controls, 40-detent concentric volume/balance controls, stereo/mono pushbutton—and more! Fully protected against overheating and overloading. U.L. listed. **31-2095** **429.95**

SAVE ON A COMPLETE SYSTEM

Save $90.80

Reg. Separate Items 829.80

739.00

- *Realistic STA-2250 AM/FM Stereo Receiver*
- *Two Optimus-25 Walnut-Veneer Speakers*
- *LAB-420 Turntable with Base, Dust Cover, Magnetic Cartridge*

Save $100.80

Reg. Separate Items 949.80

849.00

- *Realistic STA-2250 AM/FM Stereo Receiver*
- *Two Optimus T-70 Walnut-Veneer "Tower" Speakers*
- *LAB-220 Changer with Base, Dust Cover, Magnetic Cartridge*

The All-Digital Receiver Acclaimed by Audio Experts!

Computerized Quartz-Locked Tuner • MOSFET Power • Dolby† FM

*". . . a highly advanced stereo receiver which sounds every bit as good as its specifications and our measurements suggest . . . an impressive value for the money."**
— Stereo Review

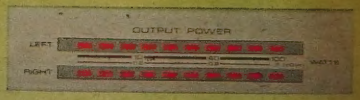
599.95
Genuine Walnut Veneer Case

60 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

- ***Memory Stores 6 AM and 6 FM Stations for Instant Pushbutton Tuning***
- ***Dolby FM Extends Dynamic Range and Cuts Noise on Dolbyized Broadcasts***

Realistic STA-2200. A breakthrough design—tested and acclaimed by some of the most respected names in hi-fi! Authoritative *Radio-Electronics* magazine says "The STA-2200 is a joy to use."** Here's why: A microprocessor tuner lets you scan up or down the entire FM or AM band, stopping automatically—and perfectly tuned—at each station. You can store six AM and six FM stations in the memory for instant recall. And you can command the receiver to "sample" each memorized station for 5 seconds, then lock in the program of your choice. There is no drift! A 9V battery (not incl.) protects the memory and time setting in case of AC power failure or when you unplug the receiver. *Stereo Review* summed up its test of the 2200's tuner by saying "it worked to perfection." Now look at all the other features. 11-step bass and treble controls with defeat button for instant comparison with flat response. Selectable bass and treble turnovers (150/300 Hz, 3000/6000 Hz). Complete monitoring and dubbing facilities for 2 tape decks. Overload, thermal and switching transient-protected amplifier, and much more. You can't buy a better receiver without paying hundreds more! U.L. listed. **31-2085** **599.95**

5-LED signal strength meter, Dolby FM and memory indicators, pushbuttons for instant selection of 6 FM, 6 AM stations in memory.



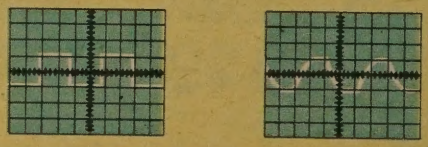
Dual-range 20-LED power indicators respond to sound peaks 10 times faster than analog meters, help prevent speaker overdriving.

Big fluorescent display shows frequency, AM, FM, FM stereo modes, and accurate quartz-referenced time. Readable across a room.

Hidden controls add stations to memory; select hi/lo brightness, frequency or time display.

MOSFET Speed vs. Standard Transistors

MOSFET response **Bipolar response**



The STA-2200 uses power MOSFETs—efficient new transistors that operate faster and cooler than conventional bipolar types. MOSFETs improve linearity and slew rate to give you stunningly accurate sound, with distortion reduced to the vanishing point. Shown above is an oscilloscope display comparing the response of MOSFETs with bipolar transistors, both driven with identical 50 kHz pulses. It's a difference you can *hear* with the STA-2200!

Specifications

AMPLIFIER. Frequency Response: 15-25,000 Hz, −2 dB. **Signal-to-Noise Ratio:** 65 dB phono, 75 dB aux. **Phono Input Overload:** 200 millivolts. **FM TUNER. Sensitivity (IHF):** 1.8 microvolts (10.33 dBf). **Capture Ratio:** 1.5 dB. **Stereo Separation:** 48 dB at 1 kHz. **Harmonic Distortion:** 0.3% stereo, 0.2% mono. **Signal-to-Noise Ratio:** 68 dB. **AM TUNER. Signal-to-Noise Ratio:** 45 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, push-connect and phono jack outputs for A and B speaker pairs, headphone jack, mag. phono, aux, preamp output, main amp input, phono-type and DIN jacks for Tape 1 in/out and Tape 2 in/out, one switched and one unswitched AC outlets, phono ground. **SIZE:** 6½x18⅞x15¾."

†TM Dolby Laboratories

*Quoted with permission from Hirsch-Houck Test Labs Report, Feb., 1980 Stereo Review. (Copyright Ziff-Davis Publishing, all rights reserved)

**R.E.A.L. Sound Audio Lab Report by Len Feldman, Jan., 1980 Radio-Electronics. (Copyright Gernsback Publications Inc., all rights reserved)

Save When You Buy a Complete STA-2200 Stereo Music System

Save $130.80

Reg. Separate Items 1129.80

999.00

- *Realistic STA-2200 Stereo Receiver*
- *2 Optimus T-100 Walnut Veneer Speakers*
- *LAB-390 Direct-Drive Turntable, Base, Dust Cover, $39.95-Value Magnetic Cartridge*

Save $210.70 The STA-2200 "Everything System"

Reg. Separate Items 2009.70

1799.00

- *Realistic STA-2200 AM/FM Stereo Receiver*
- *Two Optimus® T-200 Walnut Veneer "Tower" Speakers*
- *LAB-420 Direct-Drive Turntable, Base, Magnetic Cartridge*
- *Realistic SCT-3100 Cassette Deck with Dolby† NR*
- *Realistic Rolling Audio Component Rack*

Save $100.80 Value-Plus System!

Reg. Separate Items 999.80

899.00

- *Realistic STA-2200 AM/FM Stereo Receiver*
- *Two Optimus® T-70 "Tower" Speakers in Genuine Oiled Walnut Veneer Enclosures*
- *LAB-270 Belt-Drive Turntable, Base, Dust Cover, Factory-Installed Magnetic Cartridge*

VISA MasterCard

MasterCard and Visa honored at most Radio Shack locations. Other credit plans may also be available.

Small is Beautiful! The Famous Low-Profile STA-7, Surprising Sound from a Bantam-Sized Receiver

Jet-Black Metal Case is Just 3½" High!

10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.4% total harmonic distortion

179.95

- ***Superb Hi-Fi That Fits the Smallest Spaces***
- ***"EQ" Circuit for Deep Bass from Mini-Speakers***
- ***Tape Monitor • Loudness Button • Blackout Dial***

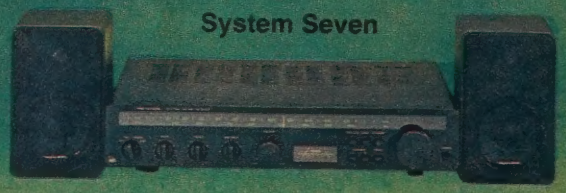
Realistic STA-7. Stands only slightly higher than a credit card, yet you get advanced circuitry, responsive controls, and big features. FET-FM/phase-locked loop multiplex for superior stereo reception, mag input for using the best phono cartridges, A and B speaker switching, stereo/mono button, detented boost-and-cut bass and treble controls, weighted flywheel for tuning ease, and more. A lot in a little! U.L. listed. **31-1968** **179.95**

AMPLIFIER. Frequency Response: 15-30,000 Hz ±2 dB. **Signal-to-Noise Ratio:** 60 dB (phono); 65 dB (aux). **Phono Input Overload:** 100 mV. **Frequency Equalization Response for "System" Mode:** +6.5 dB at 100 Hz. **FM TUNER. Sensitivity (IHF):** 2.4 microvolts (14.2 dBf). **Capture Ratio:** 3 dB. **Selectivity:** 45 dB. **Stereo Separation:** 34 dB at 1 kHz. **Total Harmonic Distortion:** 0.6% stereo, 0.5% mono. **S/N Ratio:** 60 dB. **AM TUNER. Sensitivity:** 200 microvolts/meter for 20 dB S/N. **Image Rejection:** 45 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, tape-in/out, mag phono, aux, AC outlet, phono ground. **SIZE:** 3½x16½x11½".

The "EQ" Story. The STA-7 features a remarkable circuit that tailors its response to provide uniform energy output at all frequencies from Minimus-7 and other "mini" speakers!

Rear-Panel EQ Switch

Save When You Buy An Equalized System Featuring the STA-7



System Seven

Save $30.85 — Reg. Separate Items 279.85 — **249.00**

- ***STA-7 AM/FM Stereo Receiver***
- ***Two Minimus®-7 Cast-Aluminum 2-Way Speaker Systems***

System Seven/Eleven

Save $40.85 — Reg. Separate Items 339.85 — **299.00**

- ***STA-7 AM/FM Stereo Receiver***
- ***Two Minimus-11 Cast-Aluminum 2-Way Speaker Systems***

System Seven "Plus"

Save $40.80 — Reg. Separate Items 359.80 — **319.00**

- ***STA-7 AM/FM Stereo Receiver***
- ***Two Minimus-7 Speakers***
- ***LAB-56 Changer with Base, Cover, Magnetic Cartridge***

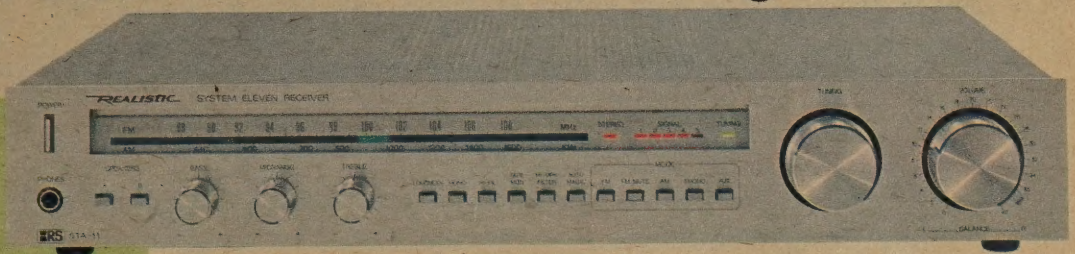
System Seven/Eleven "Plus"

Save $50.80 — Reg. Separate Items 439.80 — **389.00**

- ***STA-7 AM/FM Stereo Receiver***
- ***Two Minimus-11 Speakers***
- ***LAB-58 Changer with Base, Cover, Magnetic Cartridge***

The Sleek STA-11, a Unique Low-Profile Receiver With Ample Power for Clean Sound at High Levels

Stylish 3¼" High Brushed Champagne-Silver Case



30 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

AMPLIFIER. Frequency Response: 30-20,000 Hz ±1.5 dB. **Signal-to-Noise Ratio:** 89 dB (phono); 90 dB (aux). **Phono Input Overload:** 170 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.0 dB. **Selectivity:** 70 dB. **Stereo Separation:** 45 dB at 1 kHz. **Total Harmonic Distortion:** 0.3% stereo, 0.1% mono. **Signal-to-Noise Ratio:** 70 dB. **AM TUNER. Sensitivity:** 250 microvolts/meter for 20 dB S/N. **Image Rejection:** 40 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, mag phono, aux, tape in/out, A and B speaker pairs, headphone jack, AC convenience outlet, phono ground. **SIZE:** 3¼x17⅝x14¼".

- ***Auto-Magic® Fine-Tunes, Locks-In FM Stations***
- ***LED Tuning Indicator Changes from Red to Green When Station is Properly Tuned***

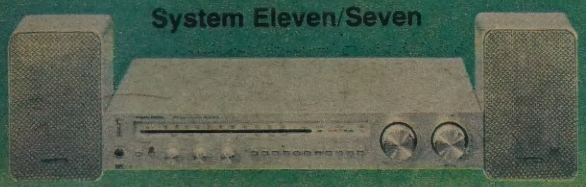
319.95 NEW FOR '81

Realistic STA-11. The power and specs once found only in components twice the size! Phase-locked loop FM multiplex for wide stereo separation, FM muting, Hi-MPX filter, detented bass, treble and midrange controls, 40-detent volume control with concentric balance control, tape monitoring facilities, 5-level AM/FM LED signal strength indicators, fluid-feel counterweighted tuning, and more. The look, feel and sound of a precision receiver! U.L. listed. **31-1999** **319.95**

Rear-Panel EQ Switch

The "EQ" Story. Like STA-7, STA-11 features a circuit that tailors its response to "mini" speakers, giving uniform output at all frequencies for outstanding musical reproduction!

Make the STA-11 the "Heart" of An Equalized System and Save



System Eleven/Seven

Save $42.85 — Reg. Separate Items 419.85 — **377.00**

- *STA-11 AM/FM Stereo Receiver*
- *Two Minimus-7 Silver Cast-Aluminum 2-Way Speakers*

System Eleven

Save $50.85 — Reg. Separate Items 479.85 — **429.00**

- *STA-11 AM/FM Stereo Receiver*
- *Two Minimus-11 Silver Cast-Aluminum 2-Way Speakers*

System Eleven/Seven "Plus"

Save $52.80 — Reg. Separate Items 509.80 — **457.00**

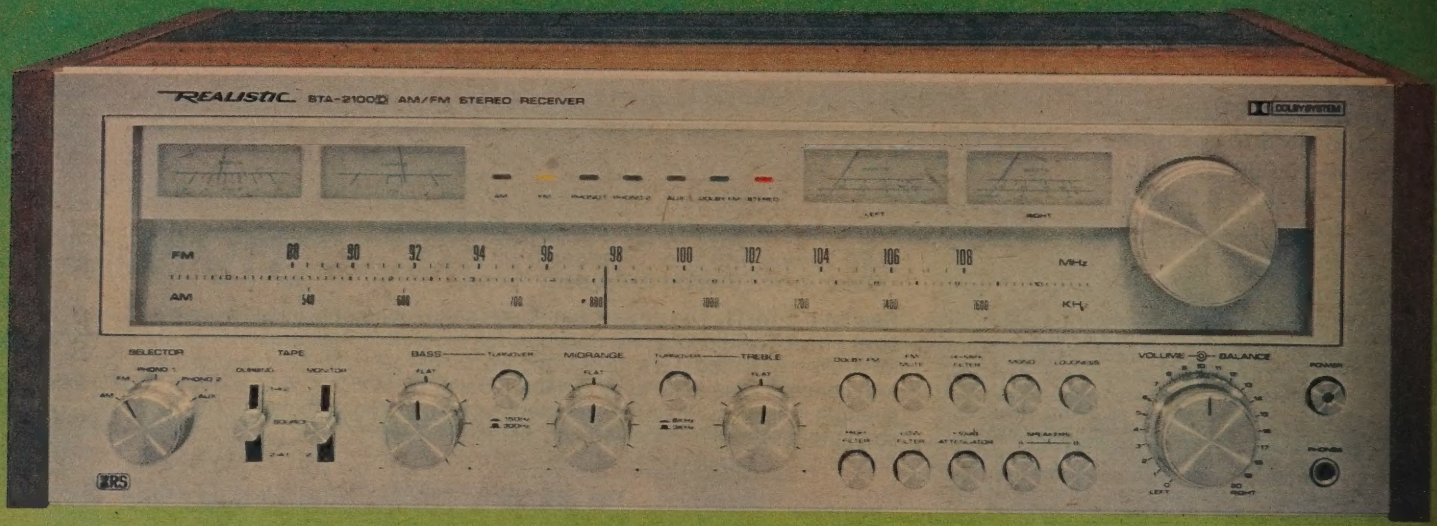
- *STA-11 AM/FM Stereo Receiver*
- *Two Minimus-7 Silver Speakers*
- *LAB-120 Turntable with Base, Cover, Magnetic Cartridge*

System Eleven "Plus"

Save $70.80 — Reg. Separate Items 619.80 — **549.00**

- *STA-11 AM/FM Stereo Receiver*
- *Two Minimus-11 Silver Speakers*
- *LAB-270 Turntable with Base, Cover, Magnetic Cartridge*

Realistic's Most Powerful AM/FM Stereo Receiver! Our "Top-of-the-Line" Features Beauty and Versatility



- *Low-Noise, Wide-Dynamic-Range Preamplifier with Subsonic Filter to Prevent Turntable Rumble*
- *Separate Detented Bass, Treble and Midrange Controls With Selectable Bass and Treble Turnovers*
- *Dolby* Decoder Reduces Noise and Extends Dynamic Range on Dolbyized* FM Stereo Broadcasts*

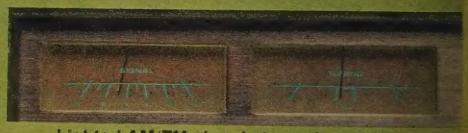
699.95

Genuine Walnut Veneer Case

120 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

Realistic STA-2100D. The solidly built "heavyweight" of our receiver line gives you the power to drive the largest speakers to wall-shaking volume—as well as accuracy that brings out the smallest details in the softest musical passages. The secret is in the amplifier, which is powerful enough to deliver sound with more dynamic range at *all* volume levels. This increased "headroom" brings you audibly superior reproduction of the sound peaks that give music its depth, impact and "live" quality. To tailor its awesome power to your speakers, acoustics and tastes, the 2100D has three boost-and-cut tone controls. Each has 21 detented "click-stop" positions, and selectable turnovers make the three controls work like five. There's a 40-detent volume control and a pushbutton volume attenuator, so you get two loudness ranges with a total of 80 resettable levels. Hi and low filters reduce non-musical material such as tape hiss, disc noise and turntable rumble. For phono, there's a three-position sensitivity switch for best performance from any standard magnetic cartridge. A second input lets you use two magnetic-cartridge turntables. For recording, a dual tape monitoring and dubbing system provides out-front control of two decks—dub from either deck to the other while listening to a third program source. For FM, there's a Hi-MPX filter for noise-free reception of weaker stereo stations, pushbutton muting for silent tuning, and a sensitive dual-gate MOSFET front end. Also has A/B/Both speaker switching, lighted power output meters with scales for both volume ranges, and extensive circuitry that guards against overdriving, heat build-up and speaker wiring shorts. There's even a circuit that eliminates "pops" and "thumps" when you select inputs. A technological masterpiece! U.L. listed. **31-2090** **699.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz, ±2 dB. **Signal-to-Noise Ratio:** 65 dB phono, 75 dB aux. **Phono Input Overload for 0.8% THD:** 230 mV. **Tone Controls:** Bass, ±10 dB at 50 Hz or 100 Hz (selectable turnover). Treble, ±10 dB at 10,000 Hz or 20,000 Hz (selectable). Midrange, ±6 dB at 1500 Hz. **FM TUNER. Sensitivity (IHF):** 1.8 microvolts (10.3 dBF). **Stereo Separation:** 48 dB at 1 kHz. **Signal-to-Noise Ratio:** 68 dB. **RF Interference Rejection:** Rated Excellent. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speakers (push-terminals and phono-type jacks), headphone jack, 2 magnetic phono inputs, one with selectable 2/4/8 mV sensitivity, aux input, phono and DIN-type jacks for tape-1 in/out and tape-2 in/out, preamp-out, main-in jacks, one switched and two unswitched AC convenience outlets, phono ground. **SIZE:** 6¼x18⅞x15¾". *™Dolby Laboratories.



Lighted AM/FM signal strength and FM center-channel meters for precise tuning

Lighted dual-range wattmeters read output levels, help you prevent damage to speakers

Detented bass, midrange and treble controls with bass and treble turnover pushbuttons

Color-coded indicator lamps reveal operating modes at a glance. A special LED indicator within the power on/off button glows green under normal conditions. It changes to red to tell you that the receiver's elaborate protection circuitry has been activated.

GET IT "ON CREDIT" AT RADIO SHACK—MASTERCARD AND VISA HONORED AT MOST STORES

The STA-2100D "Everything" System

Save $210.70

- *Realistic STA-2100D Stereo Receiver*
- *Two Optimus® T-200 "Tower" Speakers with Dual 10" Woofers, 6½" Midranges and Wide Dispersion 2" Tweeters—Genuine Oiled Walnut Veneer Finish on All Four Sides—Place Them Anywhere in the Room*
- *LAB-390 Direct-Drive Turntable with Base, Dust Cover and $27.95-Value Factory-Installed Magnetic Cartridge*
- *SCT-31 Stereo Cassette Deck with Three Heads and Dolby* Noise Reduction System*
- *Realistic Rolling Audio Component Rack*

Reg. Separate Items 1889.70

1679.00

*TM Dolby Laboratories

2100D/Mach One System

Save $132.80

- *Realistic STA-2100D Receiver*
- *Two Realistic Mach One® Floor Speakers with 15" Woofers, Midrange Horns and "Bullet" Horn Tweeters—Genuine Walnut Veneer Enclosures*
- *LAB-220 Belt-Drive Automatic Record Changer, Base, Cover, $27.95-Value Magnetic Cartridge*

Reg. Separate Items 1319.80

1187.00

*TM Dolby Laboratories

Tremendous Reserve Power for Any Kind of Music— A Versatile Control Center for a Superb System

NEW FOR 8

- *Detented Bass, Treble and Midrange Controls with Defeat Button for Instant Comparison to Flat Response*
- *MOSFET FM Front End for Low Noise, Super Sensitivity*
- *18 Controls and a Full Array of Inputs and Outputs*

499.95

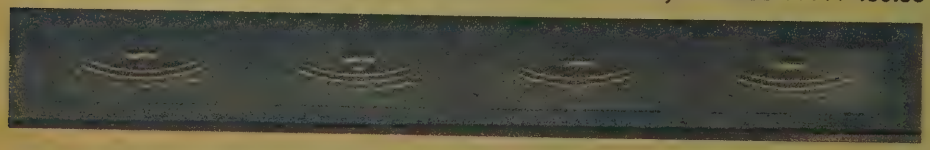
Walnut Veneer Side Panels

80 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion

Realistic STA-2080. If you love music, you'll really appreciate this versatile new receiver. With it, the most demanding parts of your favorite selections remain pure and undistorted at high volume level. You get the "punch" of the original performance, thanks to the huge power reserve of its direct-output amplifier. The FM tuner is equally outstanding. A massive flywheel control, giant lighted dial and dual meters make it easy to tune for lowest distortion. Pushbutton muting silences noise when you tune and the Hi-MPX filter gives you noise-free reception of weak stations. For superior reproduction of discs, there's a preamp with extra-wide dynamic range—with a built-in subsonic filter that eliminates power-robbing turntable rumble and minimizes the effects of warped records. With the "2080" you can listen to—or tape from—two turntables. Complete taping facilities let you record with two decks, copy tapes and lots more, without changing connections. The three boost-and-cut tone controls each have 21 detented positions. A midrange control gives you the "extra" range needed to bring out a hidden vocalist, or adjust the presence of a featured instrument. The pushbutton tone "defeat," along with rear panel main-in/preamp-out jacks, make this receiver a smart choice if you plan to use an equalizer or other signal-processing equipment. There's also a high-filter button that reduces record scratches, tape hiss and other high-frequency noise. For protection, three relays and two circuit breakers guard against overdriving, speaker wiring shorts and overheating, and even eliminate "thumps" when you select inputs. U.L. listed. A solid audio buy. **31-3000** **499.95**

LED indicators for AM, FM, phono 1, phono 2, aux input and FM stereo operating modes

Three-way dubbing and monitoring switches for front panel control of two tape decks



Power output meters for left and right channels help you to gauge loudspeaker performance and prevent overdriving

FM center-channel and AM/FM signal strength meters make it easy to tune for lowest distortion and best sound

Specifications

AMPLIFIER. Frequency Response at 5 watts output: 15-25,000 Hz, ±2 dB. **Signal-to-Noise Ratio:** 90 dB phono, 98 dB aux and tape. **Phono Input Overload for 0.5% THD:** 200 mV. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 70 dB. **Stereo Separation at 1 kHz:** 48 dB. **RF Interference Rejection:** Rated Excellent. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, push-connect terminals and phono jacks for A speakers, push-connect terminals for B speakers, headphone jack, two magnetic phono inputs, aux input, main-in/preamp-out jacks, phono and DIN jacks for tape-1 in/out, tape-2 in/out, one switched, one unswitched AC outlets, phono ground. **SIZE:** 6⅞x20¼x17⅛".

The STA-2080 "Everything" System

- *Realistic STA-2080 Stereo Receiver*
- *Two Optimus® T-100 "Tower" Speakers. Genuine Walnut Veneer Enclosures*
- *LAB-420 Direct-Drive Turntable, Base. Dust Cover, $39.95-Value Factory-Installed Magnetic Cartridge*
- *Realistic 10-Band Frequency Equalizer*
- *Realistic TR-3000 Stereo Reel-to-Reel Tape Deck with 3 Heads, 3 Motors and Full-Logic Pushbutton Controls*
- *Realistic Rolling Audio Component Rack*

Save $230.65

Reg. Separate Items 1829.65

1599.00

Save $120.80

Reg. Separate Items 1149.80

1029.00

- *Realistic STA-2080 AM/FM Stereo Receiver*
- *Two Realistic Mach One® Floor Speakers*
- *LAB-390 Direct-Drive Turntable, Base, Dust Cover, $27.95-Value Magnetic Cartridge*

Save $100.80

Reg. Separate Items 919.80

819.00

- *Realistic STA-2080 AM/FM Stereo Receiver*
- *Two Optimus-10 Passive Radiator Speakers*
- *LAB-270 Belt Drive Turntable, Base, Dust Cover, $27.95-Value Magnetic Cartridge*

High Power! Extra Features for Serious Audiophiles! Control Up to 3 Tape Decks from Receiver Front Panel

NEW FOR '81

50 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

399.95 Genuine Walnut Veneer Case

- *6 LED Mode Indicators • FM Muting*
- *FM Center-Channel & AM/FM Signal-Strength Meters for Accurate Tuning*
- *Pushbutton Hi and Lo Filters*

Realistic STA-960. Our "more for your money" tradition really shines in this receiver. Bright LEDs show operating mode at a glance, and lighted meters make it easy to tune for lowest distortion. Pushbutton hi and lo filters reduce tape hiss and turntable rumble, and FM muting eliminates all between-station tuning noise. If you're really into recording, 3-way monitor and dubbing switches and a dub out jack give you front-panel control of three tape decks—without patchcord changes! "Fluid-feel" flywheel tuning, 11-step bass and treble controls, overload and thermal runaway protection circuitry. U.L. listed. **31-2091** **399.95**

AMPLIFIER. Response (aux input, 1-watt): 30-20,000 Hz, ±1 dB. **Signal-to-Noise Ratio:** 87.5 dB phono, 88 dB aux. **Phono Input Overload:** 135 mV. **FM TUNER. Sensitivity (IHF):** 2.0 microvolts (11.2 dBf). **Capture Ratio:** 2 dB. **Alternate Channel Selectivity:** 50 dB. **Signal-to-Noise Ratio:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphones, mag. phono, aux, monitor-1 in/out, monitor-2 in/out, dub out, 1 switched and 1 unswitched AC outlet, phono ground. **SIZE:** 5⅞x19¼x14½."

GOOD SYSTEM

Save $70.80 Reg. Separate Items 689.80 **619.00**

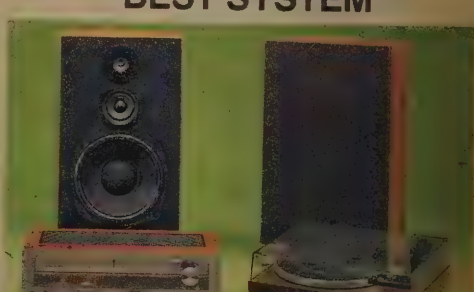
- *Realistic STA-960 Stereo Receiver*
- *Two Optimus®-23 Walnut-Veneer Speakers*
- *LAB-120 Belt-Drive Turntable, Base, Dust Cover, Magnetic Cartridge*

BETTER SYSTEM

Save $80.80 Reg. Separate Items 759.80 **679.00**

- *Realistic STA-960 Stereo Receiver*
- *Two Nova-10 Walnut-Veneer Speakers*
- *LAB-58 Belt-Drive Changer, Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM



Save $90.80 Reg. Separate Items 839.80 **749.00**

- *Realistic STA-960 Stereo Receiver*
- *Two Optimus-25 Walnut-Veneer Speakers*
- *LAB-270 Belt-Drive Turntable, Base, Dust Cover, Magnetic Cartridge*

Performance-Matched Components Make System Buying Easy!

The Realistic component systems recommended in this catalog are selected by experts to give you the best combination of sound, features and styling. By choosing one of these systems, you can be sure of getting easy operation and electronic compatibility, as well as top value. Realistic Performance-Matched systems make shopping easy and really deliver "More Music for Your Money." That's more than a phrase at Radio Shack—it's a 60-year-old tradition and our pledge to you!

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

The Look, Sound and Features of a Luxury Receiver! Two Magnetic Inputs for Using Two Turntables

***40 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.06% total harmonic distortion**

AMPLIFIER. Response @ 1 watt: 20-20,000 Hz. **Signal-to-Noise Ratio:** 63 dB phono, 75 dB aux and tape. **Phono input Overload:** 180 mV. **FM TUNER. Sensitivity (IHF):** 1.9 µV (10.8 dBf). **Capture Ratio:** 1.5 dB. **Alternate Channel Selectivity:** 60 dB. **Stereo Separation:** 48 dB @ 1 kHz. **THD:** 0.1% (mono), 0.5% (stereo). **S/N Ratio:** 65 dB (1 mV). **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphones, 2 mag phono, aux, tape in/out DIN jack, dub out, tape out, tape in, AC outlet, phono ground. **SIZE:** 6¼x18½x13¾".

- *Wide-Dynamic-Range Preamplifier*
- *40-Position Detented Volume Control*
- *Dual Illuminated Tuning Meters*

Walnut Vinyl Veneer Case **359.95**

Realistic STA-820. With 80 watts* of clean music power, the "820" will drive two pairs of speakers to room-filling volume. In its preamplifier are recently developed OP Amp integrated circuits which assure low noise, wide dynamic range and distortion-free listening. Special automatic circuitry eliminates "thumps" as you switch inputs and selectable-FM muting even takes the annoying "hiss" out of tuning FM. Tape monitor button and facilities for recording with two stereo decks. Clean styling with brushed aluminum panel outside—overload-protected amp and hi-tech FET tuner inside! U.L. listed. **31-2087** **359.95**

GOOD SYSTEM

Save $60.80

Reg. Separate Items 589.80

529.00

- *Realistic STA-820 Stereo Receiver*
- *Two MC-1401 Walnut-Veneer Speakers*
- *LAB-120 Belt-Drive Turntable, Base, Cover, $12.95-Value Magnetic Cartridge*

BETTER SYSTEM

Save $70.80 **Reg. Separate Items 659.80** **589.00**

- *Realistic STA-820 Stereo Receiver*
- *Two MC-2001 Walnut-Veneer Speakers*
- *LAB-58 Belt-Drive Changer, Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM

Save $80.80 **Reg. Separate Items 779.80** **699.00**

- *Realistic STA-820 Stereo Receiver*
- *Two Optimus-10 Walnut-Veneer Speakers*
- *LAB-220 Belt-Drive Changer, Base, Dust Cover, Magnetic Cartridge*

The Heart of a Great System at a Low Realistic Price! PLL and FET FM, Extra Features for "Room to Grow"

22 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.1% total harmonic distortion

279.95

Walnut Vinyl Veneer Case

- *5 LED Mode Indicators • Tape Monitor*
- *11-Detent Bass & Treble, Center-Detent Balance Control for Exact Settings*

Realistic STA-100. One of our best sellers—designed for beautiful sound and operating convenience. The wide dial, balanced flywheel control and lighted signal meter make it easy to tune for best AM and FM sound. FM muting silences tuning noise with the push of a button. You can listen with headphones only, main speakers only, remote speakers only, both pairs—or even reverse main speakers for perfect stereo imagery. There's also a loudness button, jacks for recording with two tape decks, a "hot" FM front end and phase-locked-loop multiplex for wide FM stereo channel separation. U.L. listed. **31-2089** **279.95**

AMPLIFIER. Frequency Response: 20-20,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 65 dB phono, 75 dB aux. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts. **Capture Ratio:** 1.5 dB. **Stereo Separation:** 45 dB at 1 kHz. **THD:** 0.5% stereo, 0.1% mono. **S/N Ratio:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antenna, A and B speaker pairs, headphone jack, mag phono, aux, tape in/out, dub out, DIN-type tape in/out, unswitched AC, phono ground. **SIZE:** 6¼x17⅜x11⅝."

GOOD SYSTEM

Save $44.80 Reg. Separate Items 439.80 **395.00**

- *Realistic STA-100 Stereo Receiver*
- *Two MC-600 Walnut Veneer Speakers*
- *LAB-56 Belt-Drive Record Changer, Base, Dust Cover, Magnetic Cartridge*

BETTER SYSTEM

Save $51.80 Reg. Separate Items 509.80 **458.00**

- *Realistic STA-100 Stereo Receiver*
- *Two MC-1401 Walnut Veneer Speakers*
- *LAB-120 Belt-Drive Turntable, Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM

Save $60.80

- *Realistic STA-100 Stereo Receiver*
- *Two MC-2001 Walnut Veneer Speakers*
- *LAB-58 Belt-Drive Record Changer, Base, Dust Cover, Magnetic Cartridge*

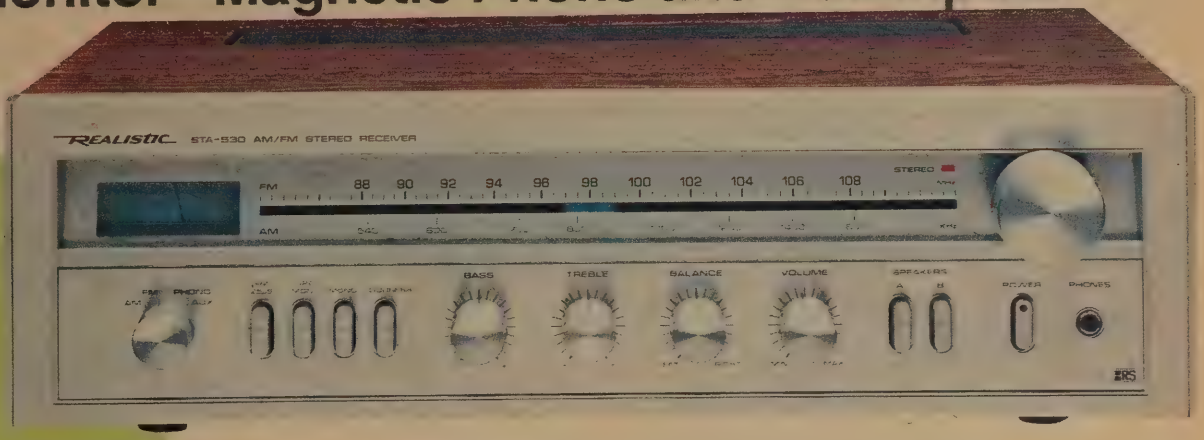
Reg. Separate Items 579.80

519.00

NOW OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE—WE'RE NEAR YOU

Expensive-Sounding Stereo That's Easy to Afford! Tape Monitor • Magnetic Phono and Aux Inputs

NEW FOR '81



16 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.2% total harmonic distortion

AMPLIFIER. Frequency Response, 1-watt output: 15-25,000 Hz, ±2 dB. **Signal-to-Noise Ratio:** 70 dB aux/tape, 65 dB phono. **FM TUNER. Sensitivity (IHF):** 2.5 microvolts (13.2 dBf). **Capture Ratio:** 2 dB. **Total Harmonic Distortion:** 0.5% mono, 0.8% stereo. **Image Rejection:** 55 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, mag. phono input, aux input, tape in/out, unswitched AC outlet, phono ground. **SIZE:** 5¼x17¼x11¾."

- *Lighted Signal Meter for Accurate Tuning*
- *Wide Dial and Precision Flywheel Control*

Walnut Vinyl Veneer Case **199.95**

Realistic STA-530. Component versatility and great sound! Has a low-noise preamp and magnetic input so you can use the finest phono cartridges, aux inputs for external program sources like a ceramic cartridge changer, or TV sound. Tape monitor button lets you add a tape deck or equalizer, even use a 3-head deck and monitor tapes as they're recorded. Pushbutton loudness boosts high and low frequencies for full-range sound even at reduced volume. Also has pushbutton main/remote/both speaker selection, sensitive FET FM front end, wideband AM tuner and a brushed-aluminum front panel highlighted by bright, beveled controls. U.L. listed. **31-2079** **199.95**

GOOD SYSTEM

Save $40.80 Reg. Separate Items 359.80 **319.00**

- *Realistic STA-530 Stereo Receiver*
- *Two MC-600 Walnut Veneer Speakers*
- *LAB-56 Belt-Drive Record Changer, Base, Cover, Magnetic Cartridge*

BETTER SYSTEM

Save $44.80 Reg. Separate Items 409.80 **365.00**

- *Realistic STA-530 Stereo Receiver*
- *Two MC-1200 Walnut Veneer Speakers*
- *LAB-120 Belt-Drive Turntable, Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM

Save $50.80 Reg. Separate Items 439.80 **389.00**

- *Realistic STA-530 Stereo Receiver*
- *Two MC-1401 Walnut Veneer Speakers*
- *LAB-58 Belt-Drive Record Changer, Base, Cover, Magnetic Cartridge*

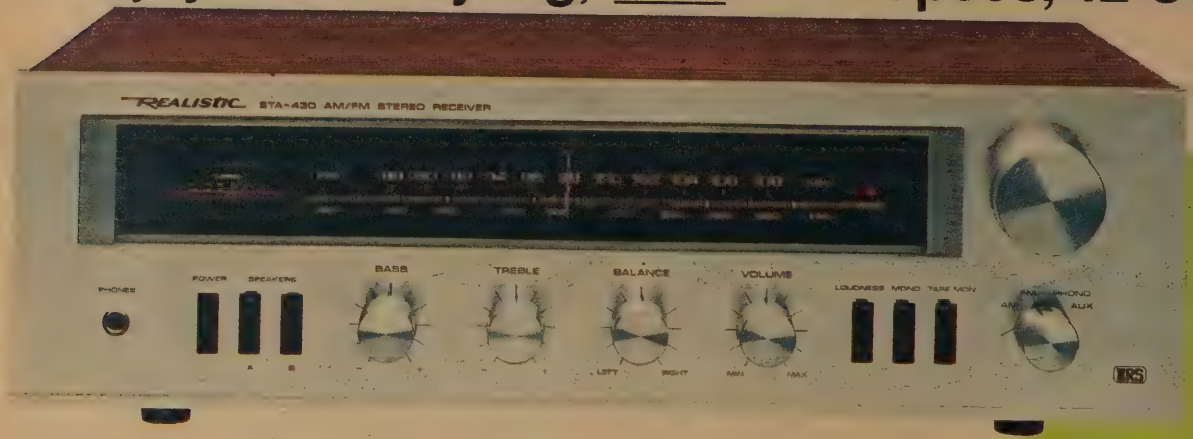
Realistic STA Series Receivers Carry This Two-Year Limited Warranty

And we service what we sell

Realistic STA-Series receivers are warranted against defects for 2 years from date of purchase. Within this period, we will repair it without charge for parts and labor. Simply *bring your sales slip* as proof of purchase date to any Radio Shack Store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

ENJOY YOUR STEREO SYSTEM EVEN MORE BY ADDING A TAPE DECK—SEE PAGES 30-35

Step Into Component Stereo at Low Cost! And Still Enjoy Clean Styling, True Hi-Fi Specs, 12 Controls



10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.6% total harmonic distortion

159.95 Walnut Vinyl Veneer Case

- *Lighted Tuning Meter • Tape Monitor*
- *Main/Remote/Both Speaker Switching*
- *Brushed Aluminum Front • PLL FM*

Realistic STA-430. Impressive looks, quality construction and great sound are yours even in Realistic's lowest priced receiver. Features a wide lighted dial and signal meter for accurate tuning, and pushbutton loudness that boosts bass and treble for best fidelity when you listen at low volume. Inside, a phase-locked loop IC assures wide FM stereo channel separation. The direct-coupled power amplifier delivers deep bass and will drive two pairs of speakers. Center-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator. An unbeatable value at this low price. U.L. listed. **31-2092** **159.95**

AMPLIFIER. Response: 15-30,000 Hz, ±2 dB. **Signal-to-Noise Ratio:** 60 dB phono, 65 dB aux. **FM TUNER. Sensitivity (IHF):** 2.8 microvolts (14.2 dBf). **Capture Ratio:** 3 dB. **Alternate Channel Selectivity:** 38 dB. **Stereo Separation:** 34 dB at 1 kHz. **Total Harmonic Distortion:** 0.8% stereo, 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out jacks, mag phono input, aux input, AC outlet, phono ground. **SIZE:** 5 1/16 x 16 7/16 x 12"

GOOD SYSTEM

Save $28.80 Reg. Separate Items 303.80 **275.00**

- *Realistic STA-430 Stereo Receiver*
- *Two Minimus®-5 Walnut Veneer Speakers*
- *LAB-56 Belt-Drive Record Changer, Base, Dust Cover, and Magnetic Cartridge*

BETTER SYSTEM

Save $34.80 Reg. Separate Items 329.80 **295.00**

- *Realistic STA-430 Stereo Receiver*
- *Two MC-600 Walnut-Veneer Speakers*
- *LAB-120 Belt-Drive Turntable, Base, Dust Cover, Magnetic Cartridge*

BEST SYSTEM

- *Realistic STA-430 Stereo Receiver*
- *Two MC-1200 Walnut-Veneer Speakers*
- *LAB-58 Belt-Drive Record Changer, Base, Dust Cover, Magnetic Cartridge*

Save $40.80

Reg. Separate Items 379.80

339.00

NOW OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE—WE'RE NEAR YOU

TV Audio Tuner! Add Hi-Fi TV Sound to Your Music System!

NEW FOR '81

- *Receives VHF Channels 2-13*
- *Works with Any Stereo System Having Aux or Tape Inputs*

79.95

Realistic TV-20. Brings out the "hidden" bass, treble and dynamic range in TV sound—makes all programs much more enjoyable! 75 and 300-ohm connectors for quick hookup between TV and antenna. Use a patchcord (not incl.) between tuner and hi-fi. Fine-tuning and output level controls, LED "on" indicator. Walnut vinyl. 2¾x6¼x6½". U.L. listed. Come in and discover hi-fi TV. **31-1950** **79.95**

Important! TV sound is FM (frequency modulation). FCC regulations require TV transmitters to have the same full 50-15,000 Hz frequency response as FM radio stations. Of course, the sound is monophonic but it *is* hi-fi. Few TV sets can reproduce hi-fi or even "mid-fi" sound. That's why you need the TV-20.

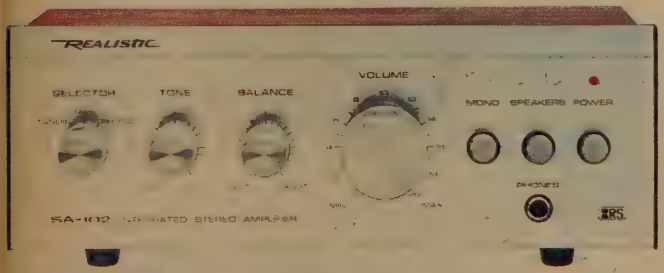
"Separates" Bring Big Sound to Small Places (and Budgets)

What a Value! AM/FM Stereo Mini-Tuner

79.95

Walnut Vinyl Veneer Case

Realistic TM-102. Perfect match for the amplifiers below, or systems without a radio. Has LED FM stereo indicator, plus 3-ganged FM tuning and advanced PLL multiplex IC for superb reception. Built-in antennas, terminals for external FM antenna. 3½x9¼x7". U.L. listed. **31-1964** **79.95**



Versatile Stereo Mini Amplifier

79.95

Walnut Vinyl Veneer Case

Realistic SA-102. Use a tuner, tape deck or a magnetic or ceramic-cartridge phono with this fine-sounding amplifier. Brushed aluminum front panel has headphone jack. LED "on" indicator. Rear panel has mag./ceramic phono switch, tape out jacks for recording. 3¼x9¼x7". U.L. listed. **31-1963** **79.95**

Our Famous Micro Stereo Amplifier

29.95

Simulated Walnut Case

Realistic SA-10. Puts quality sound where you want it—den, bedroom, workshop, office or kids' room—at minimum cost! Levers select on/off, ceramic phono or tape/tuner input and stereo/mono. Full-range tone control. Matte-black front panel. 3¼x7⅞x5½". U.L. listed. **31-1982** **29.95**

GOOD SYSTEM

- *SA-10 Stereo Amplifier*
- *Two Minimus-3 Speakers*
- *LAB-49 Changer, Base, Cover, Ceramic Cartridge*

Save $11.80
Reg. Separate Items 125.80
114.00

BETTER SYSTEM

- *SA-102 Stereo Amplifier*
- *TM-102 AM/FM Stereo Tuner*
- *Two Minimus-0.5 Speakers*
- *LAB-49 Record Changer*

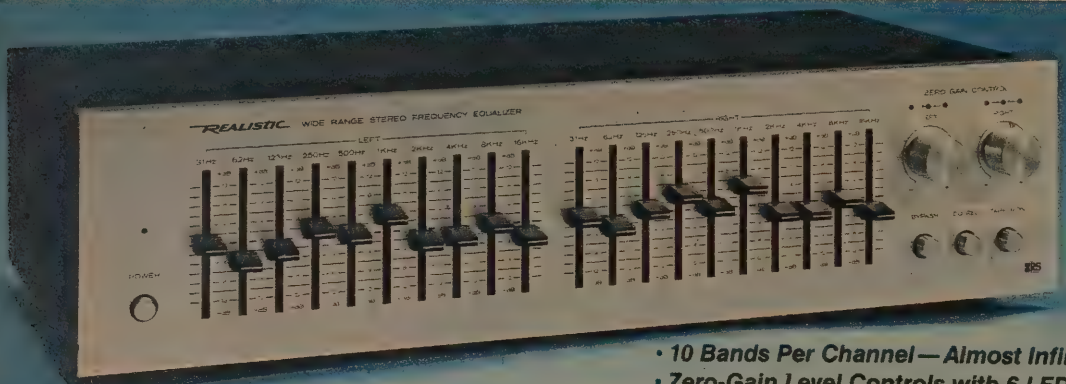
Save $24.75
Reg. Separate Items 259.75
235.00

BEST SYSTEM

- *SA-102 Stereo Amplifier*
- *TM-102 AM/FM Stereo Tuner*
- *Two Minimus-4 Speakers*
- *LAB-56 Changer, Base, Cover, Mag. Cartridge*

Save $30.75
Reg. Separate Items 287.75
257.00

Upgrade Your Stereo System with Quality Accessories



10-Band, Wide-Range Frequency Equalizer

Tailor the Response Of Your Music System

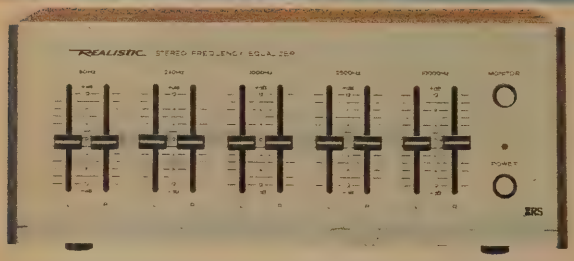
179.95 NEW FOR '81

- ***10 Bands Per Channel—Almost Infinite Combination of Control Variations***
- ***Zero-Gain Level Controls with 6 LED Indicators for Exact Level-Matching***

Bring out the "hidden" vocalist, add "punch" to certain instruments, compensate for poor room acoustics—even minimize record scratches, tape hiss and turntable rumble. Realistic's new equalizer lets you perform audio "magic" that's impossible to achieve with ordinary tone controls! Twenty precision boost/cut slide-action controls have scales calibrated in 4 dB increments and center-detent flat positions. EQ record switch lets you custom produce your own tapes just like professional recording studios. Bypass button provides instant comparison to input—you get full front panel control without patchcord "swapping"! Wide-response, low-distortion circuit. All-metal cabinet, brushed aluminum front. Tape monitor button, tape in/out jacks. U.L. listed AC operation. **31-2000** **179.95**

Specifications

Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, and 16,000 Hz. **Frequency Response (flat setting):** 5 to 50,000 Hz ±0.5 dB, −1.0 dB. **Tone Control Range:** ±12 dB. **Harmonic Distortion:** 0.02% at 0.775 volt output. **Hum and Noise:** 80 dB (0.775 volt input). **Size:** 4¾x16¾x10¼."



5-Band Graphic Equalizer

69.95

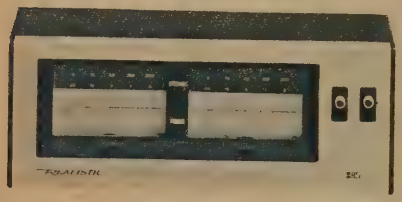
10 Precision Linear Controls with Center Detents

Boosts or cuts frequency response up to 12 dB at 60, 240, 1000, 3500, and 10,000 Hz. Tape monitor button and tape in/out facilities. Harmonic distortion: 0.02% at 0.775 volt output. Walnut vinyl veneer case, brushed aluminum front. 4¼x10¼x6." U.L. listed AC operation. **31-1987** **69.95**

6-Range Sound Level Meter

Check Music or Noise Levels **39.95**

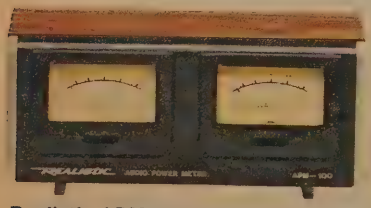
Perfect for proper adjustment of equalizers or checking sound levels in schools, auditoriums, businesses. Reads 70-126 dB with ±2 dB accuracy at 114 dB. Electret mike, recording output, tripod socket. Requires 9V battery. **42-3019** **39.95**



Deluxe Power Meter

49.95

Realistic APM-200. Quick-response LEDs track short bursts of music energy—help you spot distortion. Lighted RMS meters measure average power output in 0-2 and 0-200 watt ranges. Easy hook-up. 3¾x8¾x3⅞." U.L. listed. **42-2102** **49.95**



Low-Cost Audio Power Meter

19.95

Realistic APM-100. Provides constant indication of amplifier output power—under operating conditions. Reads up to 100 watts RMS. Simulated walnut. 3x6x2." **42-2100** **19.95**

Electronic Rhythm Box

NEW FOR '81

79.95

Available Oct. 30, 1980

Realistic Concertmate® Electronic Accompanist Metronome. For practice or performance! Choose from 5 rhythms—Latin, Bossa, Rock, Foxtrot and Waltz. Use them separately or together. Slide-action volume and tempo controls. Metronome mode keeps time with a pleasant beat. Built-in speaker, or plays through any amplifier. 11x2⅞x8." Requires 6 "C" batteries. **42-2103** **79.95**

NEED PATCHCORDS? SEE OUR COMPLETE SELECTION ON PAGE 55

Realistic Record Players Are Kind to Your Records

Belt-Drive Turntable with Precision S-Shape Tonearm

89.95

With Hinged Dust Cover, Base, $12.95-Value Magnetic Cartridge

• Automatic Start, Tonearm Return and Shutoff

Realistic LAB-120. Unbeatable for economy, versatility and great sound. Automatic mechanism works quietly without introducing vibrations to pickup. Manual mode gives you direct tonearm control. Damped cue/pause lever gently lifts and lowers cartridge to playing surface. Stainless steel tonearm tracks accurately down to 1½ grams (adjustable). Custom-designed metal platter. 33⅓ and 45-RPM. Beautiful simulated-walnut base. 5¾x15 5/16x14⅜". U.L. listed.
42-2973 ..... **89.95**

Automatic Belt-Drive Changer

With Hinged Dust Cover, Base, $12.95-Value Magnetic Cartridge

79.95

• Damped Cue/Pause • Adjustable Anti-Skate Control

Realistic LAB-56. Automatic spindle lets you stack up to 6 LPs. Damped cue/pause lever adds convenience and positive control of tonearm. Easy-to-operate slide controls for on/off/automatic operation, 7/10/12" record sizes. 33⅓ and 45-RPM speeds. Magnetic cartridge has long-life spherical diamond stylus. Simulated walnut trim base. 7x15x13¾" overall. U.L. listed AC operation.
42-2972 ..... **79.95**
Automatic 45-RPM Spindle. 42-3000 ..... **1.79**

3-Speed Automatic Record Changer

69.95

Adjustable Anti-Skate

Detachable Smoke-Tinted Dust Cover

Realistic LAB-49. Ideal add-on for compact systems! Features lightweight tubular tonearm, adjustable tracking force and anti-skate. 33⅓, 45 and 78-RPM speeds. Ceramic cartridge with conical diamond stylus. Simulated walnut trim. 6¾x14⅞x13½". U.L. listed AC operation. **42-2955** **69.95**
45-RPM Spindle. 42-3000 ..... **1.79**

Hi-Fi Stereo Preamp

19.95

Matches Low-Output Magnetic Cartridges to Any Aux Input

Easy low-cost way to add the superior performance of a magnetic cartridge to compacts or amplifiers having only ceramic phono or aux inputs. Also ideal for connecting a second magnetic cartridge-equipped changer through the aux inputs of your amplifier or stereo receiver. Solid state circuit for reliability and stable operation. Frequency response: 30-15,000 Hz ±3 dB. RIAA equalization. Signal-to-Noise Ratio: 55 dB. Compact 2x6x4" all-metal cabinet. U.L. listed AC operation.
42-2101 ..... **19.95**

Precision Direct-Drive, High-Performance Turntables

NEW FOR '81

Fully Automatic with Programmable Repeat

- *Powerful Brushless DC Servomotor*
- *Stroboscope with Neon Lamp for Precise Speed Adjustment*
- *With Hinged Dust Cover, $39.95-Value Magnetic Cartridge*

219.95

SPECIFICATIONS. Drive System: Direct. **Platter:** Aluminum alloy die-cast, 12¼" diameter, 3.1-lbs. **Motor:** 20-pole brushless DC servo-type. **Speeds:** 33⅓ and 45 RPM. **Pitch Control Range:** ±4%. **Rumble:** 65 dB (DIN B). **Signal-to-Noise Ratio:** Better than 53 dB. **Hum:** −65 dB. **Wow and Flutter:** Less than 0.03% WRMS. **Size:** 5⅝x17 11/16x13 31/32." **Accessories:** Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.

Realistic® LAB-420. Designed to meet the high standards that audiophiles expect for superior sound reproduction from discs. The 3.1-lb. aluminum alloy platter rests directly atop the 20-pole DC servomotor for unwavering speed, and the S-shaped tone arm keeps the cartridge stylus perpendicular to the radius of the groove across the full surface of the record—which means extremely low distortion and excellent tracking at less than 1½ grams. U.L. listed.
42-2975 . . . . . **219.95**

Deluxe Turntable Features Easy-to-Use Front-Mounted Controls

NEW FOR '81

With Hinged Dust Cover, $27.95-Value Magnetic Cartridge

169.95

Realistic LAB-390. Brushless DC servomotor instantaneously senses and corrects platter speed. Die-cast non-magnetic platter damps vibration. Variable pitch control and built-in strobe-illuminator/pilot light to make speed adjustment easy and precise. Anti-skating control helps prevent record wear and inner groove distortion. S-shaped tone arm with adjustable tracking force. **42-2967** **169.95**

SPECIFICATIONS. Type: Auto arm return, auto shutoff. **Drive System:** Direct. **Platter:** Aluminum die-cast, 12 5/16" diameter. **Motor:** Brushless DC motor. **Speeds:** 33⅓ and 45 RPM. **Pitch Control Range:** ±5% adjustment range. **Rumble:** −75 dB. **Wow and Flutter:** Less than 0.03% WRMS. **Size:** 16⅞x5⅛ x14¾." **Accessories:** Head shell with cartridge, counterweight and 45-RPM adapter, overhang gauge, dust cover.

Low-Profile, Molded One-Piece Base with Anti-Shock Feet

RADIO SHACK LIMITED WARRANTY

Realistic turntables are warranted against defect for one year from date of purchase. Within this period we will repair it without charge for parts and labor. Simply bring your sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Hi-Reliability Belt-Drive Turntables and Changers

Deluxe Automatic 2-Speed Turntable

NEW FOR '81

With Hinged Dust Cover, $27.95-Value Magnetic Cartridge **139.95**

Realistic® LAB-270. Designed to satisfy the purist, yet anyone can appreciate its sound value! Features a powerful DC servomotor for unwavering accurate speed with instant acceleration. The belt-drive system absorbs the slightest vibration of the motor so you hear only the music. S-shaped tonearm has damped cue/pause that gently raises and lowers stylus. Adjustable anti-skate for minimum record wear. Adjustable counter-balance for perfect tracking at less than 2 grams. U.L. listed. **42-2965** **139.95**

SPECIFICATIONS. Type: Auto arm return. **Drive System:** Belt. **Platter:** Aluminum die-cast, 12" diameter. **Motor:** DC servo-type. **Speeds:** 33⅓ and 45 RPM. **Rumble:** −65 dB. **Wow and Flutter:** Less than 0.05% WRMS. **Size:** 16⅞x5⅜x13". **Accessories:** Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.

Fully Automatic Record Changer

With Hinged Dust Cover, $27.95-Value Magnetic Cartridge **139.95**

Realistic LAB-220. Stack up to six records on the umbrella-type spindle and this changer does the rest—gently and quietly. Shuts off automatically when last record has played. Belt-drive 24-pole motor with solid-state speed control assures you of accurate 33⅓ and 45 RPM speeds. Built-in strobe light for quick and easy speed checks. S-shaped tonearm has adjustable counterweight, adjustable tracking force and anti-skate control. U.L. listed. **42-2971** **139.95**

SPECIFICATIONS. Type: Fully automatic changer. **Drive System:** Belt. **Motor:** 24-pole DC servo-type. **Speeds:** 33⅓ and 45 RPM. **Rumble:** −65 dB. **Wow and Flutter:** Less than 0.05% WRMS. **Speed Adjustment:** ±3%. **Size:** 17¼x6½x14 3/16". **Accessories:** Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.

Easy-to-Use, Value-Packed Changer

- ***Autoglide Automatic Umbrella Spindle***
- ***With Hinged Dust Cover, $19.95-Value Magnetic Cartridge***

99.95

Realistic LAB-58. With extra features to give you total convenience. Counterweighted S-shaped tonearm for precision tracking over entire record. Manual or automatic play of up to 6 records. 24-pole synchronous AC motor provides constant speed. Dual-scale anti-skating control for accurate tracking. Vibration-isolated base with simulated walnut trim. U.L. listed. **42-2974** **99.95**

SPECIFICATIONS. Type: Fully automatic changer. **Drive System:** Belt. **Motor:** 24-pole AC synchronous. **Speeds:** 33⅓ and 45 RPM. **Rumble:** −62 dB. **Wow and Flutter:** Less than 0.08% WRMS. **Size:** 17¼x6½x14 3/16". **Accessories:** Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.

Optimus® High-Performance "Tower" Speakers

Top of the Line! Twin 10" Woofers

259.95 Each

- *6½" Midrange Speaker*
- *2" Edgeless Tweeter With Horn Assembly*

Realistic® Optimus T-200. Our best sounding speaker ever, the "200" is skillfully crafted to deliver a flat, uncolored frequency response with high or moderate powered amplifiers. The two active woofers move only half the distance of a single-woofer system, boosting efficiency and lowering distortion and cone breakup. Gradual-slope crossovers improve power handling capacity and ensure smooth transitions in bass-midrange-treble response. Keeping in tune with the latest time-alignment technology, we've staggered the tweeter so there are no sudden phase shifts or discontinuities in the measured phase response. And T-200's look great anywhere in a room because they're finished on 5 sides in genuine oiled walnut veneer.
40-2029 ..... **259.95**

SPECIFICATIONS. Response: 50-20,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter 1 watt). **Controls:** Variable midrange and treble. **Power Handling Capacity:** 150 watts. **Impedance:** 8 ohms. **Size:** 34½x12½x12½".

Twin Long-Throw 8" Woofers

179.95 Each

- *Variable High Frequency Control*
- *3" High-Compliance Tweeter*

Realistic Optimus® T-100. Clean, clear sound from a beautiful speaker! The two active woofers and a tweeter assure balanced response from 55-18,000 Hz. The T-100 is so efficient you'll get the maximum out of any hi-fi amplifier for room-filling volume with minimum wattage. An L-Pad control lets you match the treble response to the acoustics of your listening room and to your personal taste. And like the T-200, the "Tower" has real style—it's finished in oiled walnut veneer on all sides so it looks just great even if not placed against a wall. The input connections are recessed on the bottom of the enclosure so even the speaker cables remain hidden. **40-2025** . . . **179.95**

SPECIFICATIONS. Response: 55-18,000 Hz, ±3 dB. **System Sensitivity:** 90 dB (SPL at 1 meter 1 watt). **Controls:** Variable treble. **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 35½x13x12¼".

Tuned-Labyrinth Speaker System

129.95 Each

- *8" Long Excursion Woofer*
- *1" Wide-Dispersion Dome Tweeter*

Realistic Optimus T-70. Audio breakthrough! A high-performance 1" soft dome tweeter delivers smooth response up to 20,000 Hz. Its wide dispersion and very low distortion mean you hear detailed reproduction of the highest piano notes or the crash of cymbals with dramatic clarity. A long-throw 8" woofer and tuned-labyrinth enclosure reinforce the lower bass and permit excellent transient response. All this, plus hand-finished cabinetry of mitre-folded walnut veneer machined from a single panel for continuity of grain and color.
40-2023 ..... **129.95**

Acoustically-Tuned Labyrinth Enclosure Reinforces Bass

SPECIFICATIONS. Response: 55-20,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter 1 watt). **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 29½x10¼x10 13/16".

GET IT "ON CREDIT" AT RADIO SHACK—MASTERCARD AND VISA HONORED AT MOST STORES

Experience the Excitement of Speakers by Realistic®

Massive 15" Woofer With 35-oz. Magnet!

Famous for Bass You Can Feel

239.95 Each

Realistic Mach One. If it's tight "wall-shaking" bass you like, this speaker is the one for you! Its powerful 15" woofer, a sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. Because the Mach One's frequency response covers the entire audio range you won't miss a note of your favorite performers. Separate midrange and tweeter controls let you adjust speaker performance to better match the acoustics of your listening room. All this adds up to a "heavyweight" speaker enclosed in a handsome oiled walnut veneer cabinet.
40-4024 . . . . . **239.95**

SPECIFICATIONS. Response: 20-25,000 Hz. **Controls:** Variable midrange and treble. **Power Handling Capacity:** 100 watts. **Impedance:** 8 ohms. **Size:** 28⅜x17⅝x12."

MasterCard and Visa honored at most stores

2-Way Passive Radiator System

139.95 Each

- *10" Passive Radiator*
- *8" Active Woofer*
- *3¼" Dome Tweeter*

Passive Radiator Functions As Tuned Port—Solid Bass Down to 42Hz

Realistic Optimus-10. Sophisticated, efficient design! Active woofer and drone are acoustically-coupled to put out deep, rich bass usually heard from speakers with much larger woofers. Brilliance contour controls high-frequencies to suit room acoustics. Phono jacks and screw terminals. Walnut veneer enclosure. **40-2028** **139.95**

SPECIFICATIONS. Response: 42-20,000 Hz. ±3 dB **Control:** Variable treble. **Power Handling Capacity:** 75 watts. **System Sensitivity:** 90 dB (SPL at 1 meter 1 watt). **Impedance:** 8 ohms. **Size:** 25x15⅜x10⅝."

3-Way Acoustic Suspension System

149.95 Each

- *10" Woofer*
- *4" Midrange*
- *2½" Tweeter*

Special Extended Midrange Design

Realistic Optimus-25. Powerful 10" high-compliance woofer delivers deep bass without cone breakup, and an acoustically isolated extended-midrange speaker makes vocalists really come alive. The tweeter features low-mass aluminum voice coil for crisp, clean highs and plenty of power handling capacity. Genuine walnut veneer finish. **40-2027** **149.95**

SPECIFICATIONS. Response: 45-20,000 Hz. **Controls:** Variable Midrange and Treble. **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 25x14x11½."

5-YEAR LIMITED WARRANTY ON OPTIMUS AND MACH ONE SPEAKERS—SEE PAGE 26

Great Buys in Floor/Shelf Speakers and Accessories

2-Way Passive Radiator System

NEW FOR '81

129.95 Each

Sealed Enclosure for Extended Bass Response

- *8" High-Compliance Woofer*
- *8" Passive Radiator*
- *2½" Extended-Range Tweeter*

SPECIFICATIONS. Response: 80-18,000 Hz. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Power Handling Capacity:** 50 watts. **Impedance:** 8 ohms. **Size:** 22x12¼x10¼."

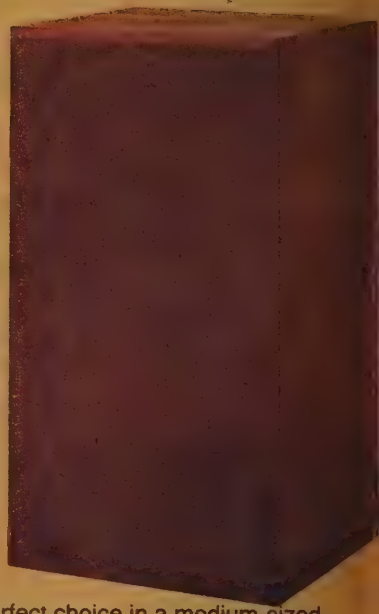
Realistic Nova®-10. The speaker that gives you outstanding performance in this price range. You get exciting depth and clarity of bass frequencies, and our specially-designed tweeter produces the highest output with the lowest distortion of any currently available 2½" tweeter! A special crossover network reduces distortion between frequency ranges. Screw terminals. Genuine walnut veneer finish. **40-4028** **129.95**

2-Way Bass Reflex Speaker System

99.95 Each

- *10" Woofer • 2½" Tweeter*
- *Bass Reflex Design Tuned to 45 Hz for Extended Low-End Response and High Efficiency*

SPECIFICATIONS. Response: 55-20,000 Hz. **System Sensitivity:** 91.5 dB (SPL at 1 meter/1 watt). **Power Handling Capacity:** 75 watts. **Impedance:** 8 ohms. **Size:** 22¼x12¼x11¾."



Realistic Optimus-23. The perfect choice in a medium-sized speaker. Ported enclosure and a 10-oz. magnet woofer create well-defined bass. Smooth transition crossover and 2½" tweeter with high-tempered voice coil for clear, crisp highs. And high-efficiency design delivers higher sound pressure levels per watt, which means you can use lower-powered receivers or have greater "headroom" to prevent clipping with higher-powered amplifiers. Phono-type and screw terminals. Genuine walnut veneer finish. **40-2032** **99.95**

Piezo Super Tweeter

14.95

NEW FOR '81

Enhance your stereo! Solid-state, burnout proof design—no voice coil, no crossover is needed. 5000-27,000 Hz. 96 dB (SPL at 1 meter/1 watt). 75-watt capacity.
40-1380 . . . . . **14.95**

Super Tweeter

19.95

Extends Highs to 40,000 Hz

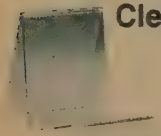
Adds brilliance to any speaker! Smooth, clean response. Mounts inside or outside speaker enclosure. Built-in crossover. 50-watt capacity. 4" high. 8 ohms.
40-1310 . . . . . **19.95**

5-Year Limited Warranty

Realistic MC Series, Nova,® Minimus,® Optimus® and Mach One® speaker systems are warranted against defects for 5 years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply *bring your sales slip* as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subject to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Bring Out the Most in Your Speakers With Realistic Stands

Clear Acrylic



NEW FOR '81

24.95 Pair

Get more from your speakers by directing the music toward your ears—cleaner bass response, better high frequency dispersion.
40-1252 . . . . . **Pair 24.95**

Wood Stands

NEW FOR '81

Adjustable

24.95 Pair

Lifts and properly angles speaker 7" off the floor. Acoustically decouples for improved response. Stained walnut. **40-1253** . . . . . **Pair 24.95**

Steel Speaker Stand

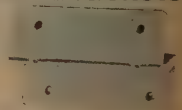
NEW FOR '81

15.95 Pair

Lifts speakers off the floor for a cleaner sound and less "boom" next door! Also handy for stacking components. Black oxide finish. 3" high. **40-1254** . . . . **Pair 15.95**

Metal Wall Brackets

3.95 Pair



Each Supports Up to 50 Lbs.

Now you can easily wall-mount your speakers, yet the brackets are hidden from view. Screws for hardwood mounting of 2 speakers. **40-150** . . . . . **Pair 3.95**

Compact Minimus® Die-Cast Hi-Fi Speakers

The Famous Minimus®-7 — 49.95 Each

Here's what *Stereo Review* Magazine says about Minimus-7:

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good . . . power handling above average . . . a good buy."

Quotes excerpted with permission from STEREO REVIEW, Aug. 1979, article "Nineteen Minispeakers" copyright © 1979 Ziff-Davis Publishing Co. All rights reserved.

Realistic Minimus-7. Less than 8" high — about the size of two average books — but you get full-range response up to 20,000 Hz from a long-excursion 4" woofer and wide-dispersion 1" soft-dome tweeter. Smooth transition L-C crossover network. Power handling capacity: 40 watts. Die-cast aluminum enclosure. 8 ohms. 7 1/16x4 7/16x4 5/16." **Black, 40-2030/Silver, 40-2034** . . . . . **Each 49.95**

Adjustable Mounting Bracket. For wall, ceiling, or mobile use.
40-2031 . . . . . **Pair 14.95**

The Superb Minimus®-11 — 79.95 Each

Realistic Minimus-11. New "big brother" to Minimus-7. The same acclaimed design concept, but with a 5" woofer and 2½" horn-loaded tweeter — acoustically-aligned for proper time relationship. The result is an "open" natural sound in the midrange that adds "life" to vocals. Power handling capacity: 50 watts. Diecast aluminum enclosure, removable grille. 8 ohms. 10½x6 15/16x6 5/16."
Silver, 40-2035/Black, 40-2036 . . . . . **Each 79.95**

Compact Floor/Bookshelf Speakers

NEW FOR '81

High-Efficiency Speaker

99.95 Each

- *Efficient 8" Woofer*
- *2½" Wide-Dispersion Tweeter*

Realistic MC-2001. Smooth sound — from deep, non-booming bass to clear, dramatic highs. Response: 60-17,000 Hz. Power handling capacity: 60 watts. Phono-type jacks and screw terminals. Walnut veneer enclosure, removable grille. 8 ohms. 22½x13x8¼."
40-1987 . . . . . **99.95**

2-Way Speaker System

59.95 Each

- *Extended-Range Tweeter*

Realistic MC-1200. Accurate, wide-range sound. 8" woofer (25 sq. in. radiating area) for deep bass and 2½" tweeter for crisp highs. Response: 85-17,000 Hz. Power handling capacity: 50 watts. Genuine walnut veneer finish, removable decorator grille. Phono-type jacks and screw terminals. 8 ohms. 17¾x10⅝x7½." **40-1984** **59.95**

Bass Reflex Speaker

- *8" Woofer • 4¼" Tweeter*
- *Ported Enclosure*

69.95 Each

Realistic MC-1401. Delivers powerful bass even with receivers rated as low as 5 watts RMS. Tuned passive port enclosure for great sound across the 80-20,000 Hz range. Power handling capacity: 55 watts. Genuine walnut veneer. Phono-type jacks and screw terminals. 8 ohms. 18x11½x7½."
40-1988 . . . . . **69.95**

2-Way Bookshelf

NEW FOR '81

- *Walnut Veneer*
- *Removable Grille*

39.95 Each

Realistic MC-600. Wide-range sound with extended bass response. Efficient design features a 6½" woofer and 2½" tweeter. Frequency response: 100-18,000 Hz. Power handling capacity: 40 watts. Phono-type jacks and screw terminals. 8 ohms. 13½x8⅞x5¼."
40-1979 . . . . . **39.95**

Extension Speakers for Every Room in Your House

The Little Speaker That "Thinks" It's Big!

31.95 Each

- *6½" Woofer*
- *1½" Horn Tweeter*
- *Genuine Walnut Veneer*

Realistic Minimus®-5. Air-suspension woofer delivers deep bass, and the tweeter, mounted behind a multi-cellular horn for wide dispersion, provides clean and clear highs. 100-20,000 Hz audio response. Power Handling: 15 watts. Both phono-type and screw terminal inputs. 8 ohms. 12¼x9x6½." **40-255** **31.95**

Ideal Add-On for Stereo Compacts

29.95 Each

Get a Pair for Surround-Sound Listening with Realistic Stereo Compact Systems

Realistic Minimus-9. A floor/shelf speaker with smooth, clear sound. Air-suspension design with 8" woofer for deep bass, 3" tweeter for clear highs. Walnut vinyl. 24-ft. cable. 8 ohms. 22x12x16½." **40-914** **29.95**

Compact, Wide-Range System

23.95 Each

Ideal for Bookshelf

Realistic Minimus-4. No larger than a few books. 5" full-range speaker with whizzer cone delivers 125-17,000 Hz sound. Walnut vinyl. 8 ohms. 12 13/16x 7⅞x5 11/16." **40-224** **23.95**

Full-Range Sound from a Shelf Speaker

Makes a Great Pair for Stereo **19.95 Each**

Realistic Minimus-8. Dictionary-sized, yet 4" speaker delivers 130-20,000 Hz response. Walnut vinyl. 8 ohms. 9¾x 5⅞x4¾." **40-216** **19.95**

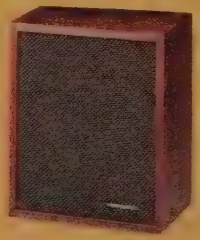
The Amazing Minimus-0.5

14.95 Each *Mini-Size, Mini-Price Maxi-Sound*

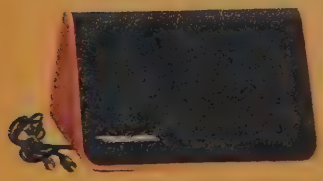
Realistic Minimus-0.5. Smallest speaker ever to be reviewed by a major audio magazine. Only 6⅝x4⅞x4⅛," but you get room-sized sound. Walnut vinyl. 8 ohms. **40-1995** **14.95**

The Speaker for "Mini" Systems

Budget Bookshelf System **12.95 Each**



Realistic Minimus-3. Budget bookshelf system just right for extensions or replacements. Full-range 5" speaker. Walnut vinyl. 10x8½x5½." 8 ohms. **40-913** **12.95**



"Wedge" Extension Speaker

10.95 Each *Teakwood Finish*

Adds more listening enjoyment to your transistor radio or cassette player. Includes cable with mini, sub-mini plugs. 4 3/16x7¾x6." **40-1247** **10.95**

"Show Off" Your Stereo with an Audio Rack

69.95

- *3-Way Adjustable Shelves*
- *No-Mar Heavy-Duty Casters*

Stack your components in this handsome vertical rack. Use top for changer, middle shelf for receiver, 3rd for tape deck, bottom for LPs and tapes. Walnut grained vinyl veneer. 34½x23x17." Easy to assemble. **42-3021** **69.95**

NEW FOR '81

Components not included

129.95

- *2 Full-Length Locking Glass Doors*
- *3 Adjustable Shelves*
- *Heavy-Duty Casters*

Elegant, deluxe rack protects and stores stereo equipment, records and accessories. Bottom shelf for LPs. Walnut grained vinyl veneer. 44x23x18." Easy to assemble. **42-3023** **129.95**

MORE PEOPLE BUY REALISTIC SPEAKERS EACH YEAR THAN ANY OTHER BRAND

Multi-Purpose Speaker Cables and Accessories

18-Ga. Lug-to-Lug Cable

NEW FOR '81

3.99

24', coded. 42-2451 .... 3.99

18-Ga. Plug-to-Lug Cable

4.29

NEW FOR '81

24', coded. 42-2452 .... 4.29

18-Ga. Speaker Cables

Low As 3.69

Phono plug on each end.
12.' 42-2479 3.69
24.' 42-2478 4.69

Maximum-Fidelity Speaker Cable

NEW FOR '81

19.95

Low Resistance for Minimum Power Loss

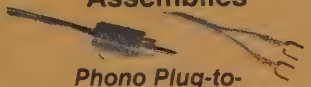
Realistic MF-100. Specially designed for hi-fi! Flexible jacket makes placement easy. Booted, tinned ends separate leads for hookup. 30 feet. **42-2600** 19.95

Speaker Extension Cables with Lugs

Low As 1.59

Color-coded for easy hookup.
24.' 42-2446 ..... 2.09
12.' 42-2447 ..... 1.59

Molded Cable Assemblies



Phono Plug-to-Lug Connectors

12.' 42-2449 ..... 2.19
24.' 42-2450 ..... 2.29

Speaker Ext. Cables With Phono Plugs.

Low As 2.69

24.' Gray. 42-2392 ..... 3.19
24.' White. 42-2430 .... 3.19
12.' Gray. 42-2445 ..... 2.69
12.' White. 42-2431 ..... 2.69

Speaker Volume Controls, Selector Switches and Wall Jacks

Speaker Selector Switch

6.95

Handles 4 Speakers

Controls two pairs. Non shorting. Enclosed in metal case. With mounting hardware.
40-130 ..... 6.95

Stereo Speaker Switch

Handles Up to 6 Speakers 12.95

Controls 3 pairs of stereo speakers or 6 mono speakers. Rated 30 watts peak. 2⅛x6x3¼."
40-125 ..... 12.95

Speaker Wall Jack

2.69

Lets you hook up stereo speakers anywhere. With two ¼" plugs.
40-976 ..... 2.69

Speaker Wall Terminals

2.99

Add speakers to any room! Spring-loaded, coded terminals.
40-975 ..... 2.99

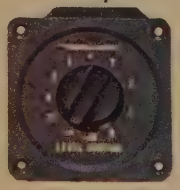
Stereo Volume Control

10.95

Handles High Power Levels

Controls volume of two 8-ohm speakers.
40-978 ..... 10.95

Monophonic Volume Control



6.95

Handles High Power Levels

Controls volume of any 8-ohm speaker.
40-977 ..... 6.95

Stereo Volume Control

6.95

For Stereo Speakers

Mounts easily to wall. 8 ohms.
40-979 ..... 6.95

Monophonic Volume Control

4.49

Controls volume of any 8-ohm speaker. 25 watts peak. **40-980** 4.49

Make Your Speakers Look New Again!

Foam Speaker Grille

6.95

Hook-and-Loop Fasteners for Easy Mounting

Low-cost way to improve the looks of your speakers. Acoustically transparent. Large 17x23½x¾" sheet of foam will cut down to speaker size.
Brown. 40-1946 ..... 6.95
Black. 40-1951 ..... 6.95

Speaker Grille Cloth

- *Colorfast Fabrics Resist Sagging, Shrinking & Fading*
- *Acoustically Transparent*

Low As 5.49

Fig.	Description	Size	Cat. No.	Each
A	Deluxe Brown	36x36"	40-1936	6.49
B	Deluxe Black	36x36"	40-1935	6.49
C	Black	36x32"	40-1933	5.49
D	Basket Weave	36x32"	40-1949	5.49

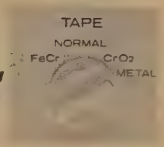
Radio Shack's Top-of-the-Line Cassette Decks

Our Best! Double Dolby* NR, 3 Heads, Dual Capstan Drive

METAL

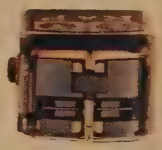
599.95 NEW FOR '81

Available Sept. 30, 1980



Use any tape—normal, Ferrichrome, CrO_2 or the new high-output metal cassettes!

Separate record and play heads for off-the-tape monitoring. Single-housing design for perfect, permanent alignment.



FG (Frequency generator) servo capstan motor with separate DC reel motor minimizes wow and flutter, "locks-in" accurate speed.

- ***Tape/Source Button and 3 Heads—Monitor Off-the-Tape as You Record***
- ***Solenoid-Operated, Logic IC-Controlled Transport for Smooth Handling***

Realistic SCT-3100. The ultimate cassette deck—gives you highest performance from any cassette plus metal-tape reproduction that rivals open reel! The double Dolby system reduces noise while extending dynamic range in all modes; also decodes Dolby FM for recording or listening. There are two signal-source pushbuttons for accurate bias and record level calibration. A fine bias adjustment gives you a precise electronic match with any cassette. Record level setting is easy, thanks to the lighted 3" VU meters and two LEDs that respond instantly to +3 and +6 dB signal peaks. The dual capstan transport features two separate motors; all-electronic control via feather-touch pushbuttons; record mute and pause controls for noise-free electronic editing as you record. Also has switchable MPX filter; dual-concentric record level controls with memory ring; selectable auto-rewind and replay, auto-rewind and stop or full automatic stop at end of tape. A special switch even permits automatic unattended recording with an external timer (not incl.). The deck with everything! U.L. listed. **14-615** **599.95**

Frequency Response ±3 dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO_2), 30-19,000 Hz (normal). **Wow and Flutter:** Less than 0.04% WRMS. **Signal-to-Noise Ratio (ref. 3.0% THD, Dolby "on," CCIR weighted, metal tape):** 67 dB. **Distortion (ref. 160 mW/m @ 400 Hz):** Less than 0.9% THD. **Record and Play Heads:** Titanium surfaced, ferrite core. **Erase Head:** Ferrite with double gap. **Output Level:** Adjustable to 0.78 volt max. **Size:** 4⅝x17⅛x10½". TM Dolby Laboratories

Double Dolby* NR, 3 Heads, Fast LED Peak Level Meters

METAL

429.95 NEW FOR '81

Available Nov. 30, 1980

Check the Features!

- ***Four-Position Tape Selector—Use Normal, FeCr, CrO_2 or Metal Tape***
- ***Three Heads for True Tape/Source Monitoring, While You Record***
- ***Double Dolby Works in All Modes—Recording, Playback and Monitoring***
- ***16-Segment LED Peak Level Meters for Each Channel & Peak Hold Button***

Realistic SCT-31. A smart choice for the music lover who wants metal capability, easy operation and low-profile styling. Records and monitors in Dolby, also records or decodes Dolby FM broadcasts. A single four-position selector handles all tape formulations and a front panel bias control adjusts for optimum response with any cassette. Has super-fast two-color LED peak meters. The auto/manual peak-hold feature shows you highest signal levels for easy and exact level setting. Also features a smooth-operating cassette transport with DC servomotor capstan drive; switchable MPX filter; full auto stop and more. U.L. listed. **14-614** **429.95**

Frequency Response ±3 dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO_2), 30-19,000 Hz (normal). **Wow and Flutter:** Less than 0.05% WRMS. **Signal-to-Noise Ratio: (ref. 3.0% THD, Dolby "on," CCIR weighted, metal tape):** 66 dB. **Distortion (ref. 160 mW/m @ 400 Hz):** Less than 1.0% THD. **Record and Play Heads:** Ferrite with titanium surface. **Erase Head:** Double gap ferrite. **Output Level:** Adjustable, 0.78 volt max. **Size:** 4⅛x17⅛x10".

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Realistic® Decks Add Superb Stereo to Any System

Dolby* NR on Tape and FM, Fluorescent Peak Hold Metering

METAL

NEW FOR '81

299.95

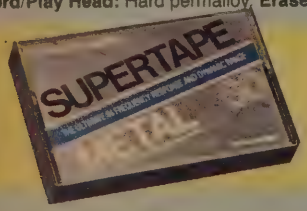
Available Oct. 30, 1980

Realistic SCT-21. Adds high quality cassette recording and playback plus Dolby FM decoding to your music system. A four-position Dolby NR mode switch lets you record Dolby or standard tapes from any source. When used with an amplifier or receiver having tape monitor facilities, the SCT-21 also decodes Dolby FM broadcasts for listening. There's a front panel fine bias control that ensures best response from all cassettes and concentric record level controls with memory ring for easy resetting to a previous level. The ultra-fast operating fluorescent meters with switchable peak hold end "guesswork" when setting recording levels. Also has adjustable output level control to match the input requirements of any receiver or amplifier; LED record and Dolby mode indicators; switchable MPX filter; 3-digit tape counter and more. U.L. listed. An outstanding value! **14-611** **299.95**

Frequency Response ±3 dB: 30-20,000 Hz (metal), 30-18,000 Hz (CrO_2), 30-15,000 Hz (normal). **Wow and Flutter:** Less than 0.06% WRMS. **Signal-to-Noise Ratio (ref. 3.0% THD, Dolby "on," CCIR weighted, metal tape):** 66 dB. **Distortion (ref. 160 mW/m @ 400 Hz):** Less than 1.1% THD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 4⅛x16½x9⅞."

High-Performance Features

- *Four-Position Tape Selector—Use Normal, FeCr, CrO_2 or Metal Tape*
- *Record Mute Button and Pause Lever for Silent Editing As You Record*
- *FG (frequency generator) Servo Motor for Precise Speed, Low Wow & Flutter*
- *Accurate 14-Segment Fluorescent Level Meters with Peak Hold Button*



SUPERTAPE® Metal Cassettes—A Difference You Can Hear!

Radio Shack's new state-of-the-art metal tape is coated with particles of pure iron with *twice the coercivity of any oxide tape.* This means the tape can capture and reproduce more of the music, even the sparkling high-frequency transients that are lost with conventional cassettes. Metal tape lets you record at higher levels with lower distortion—you get stunning dynamic range over the entire audio frequency spectrum and sound quality you thought you'd never hear from a cassette! (See page 40 for recording cassettes.)

Peak-Reading Fluorescent Meters, Dolby* NR, Low Price!

METAL

NEW FOR '81

219.95

Available Sept. 30, 1980

Realistic SCT-22. Features a smooth-operating cassette transport with push keys for stop/eject, record, rewind, play, fast-forward and pause functions; DC capstan motor for accurate speed; full automatic stop at end of tape in all modes to prevent cassette damage. Easy-to-read fluorescent meters and clutched, concentric record level controls with memory ring make it easy to set recording levels. Has a three-position Dolby NR switch for making Dolby or standard recordings; switchable MPX filter; adjustable output control; three-digit tape counter. Superb sound and styling at a low price! U.L. listed. **14-612** **219.95**

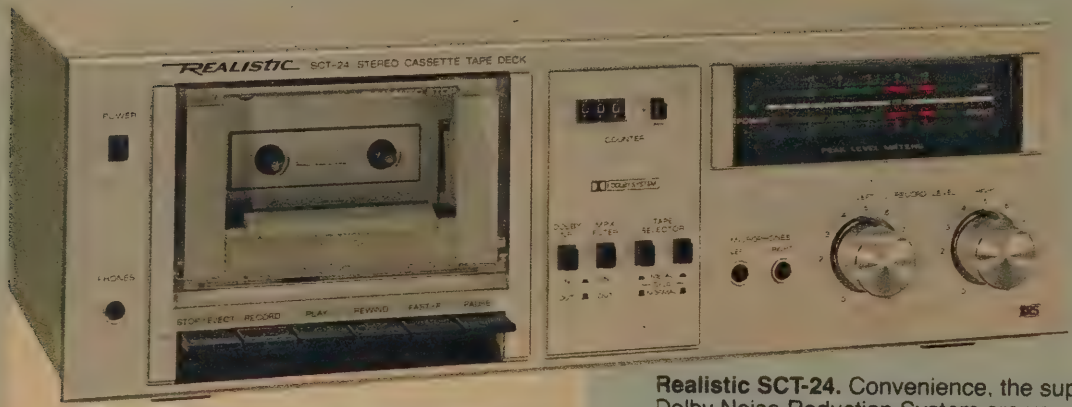
Frequency Response ±3 dB: 30-19,000 Hz (metal), 30-14,000 Hz (CrO_2), 30-13,000 Hz (normal). **Wow and Flutter:** Less than 0.08% WRMS. **Signal-to-Noise Ratio (ref. 3.0% THD, Dolby "on," CCIR weighted, metal tape):** 65 dB. **Distortion (ref. 160 mW/m @ 400 Hz):** Less than 1.3% THD. **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.78 volt maximum. **Size:** 5x16½x8½."

Features You Need for Easy Operation and Better Sound

- *Dolby Noise Reduction Extends Dynamic Range, Reduces "Hiss"*
- *Three-Position Tape Selector—Use Normal, Chrome or Metal Tapes*
- *12-Segment Fluorescent Meters plus LED Record and Dolby Indicators*

SEE OUR COMPLETE LINE OF MICROPHONES FOR "LIVE" RECORDINGS—PAGES 60-61

Realistic® Cassette Decks for Every Budget



You Get Dolby* NR and Metal Capability in This Low-Priced Realistic Deck

149.95 NEW FOR '81

"More-for-Your-Money" Features

Bias/EQ Buttons for Metal, CrO_2, Normal Tape

Peak-Responding LED Level Meters

- *Dolby Reduces "Hiss," Extends Headroom*
- *Full Auto-Stop Prevents Tape Damage*
- *Output Level Control • Tape Counter*

Realistic SCT-24. Convenience, the superior sound of metal tape, and the Dolby Noise Reduction System are yours to enjoy with this easy-to-use stereo deck. Record from discs, radio, or "live" via the front panel mike jacks—start building a library of your favorite music on cassettes! Features of the SCT-24 include 2-color LED peak meters for exact record level setting; soft-eject cassette door; push-levers for pause, record, play, rewind, fast-forward and stop/eject modes; MPX filter for great-sounding Dolby tapes from stereo FM; a resettable 3-digit tape counter that helps you find individual cassette selections; adjustable output level to match the input of your system; and a mike/line input selector. U.L. listed.
14-613 . . . . . **149.95**

Frequency Response ±3 dB: 30-14,000 Hz (metal), 30-12,000 Hz (CrO_2 and ferric). **Wow and Flutter:** 0.15% WRMS. **Signal-to-Noise Ratio:** 64 dB on metal (ref. 3.0% THD, Dolby "on," CCIR weighted. **Distortion:** 1.3% THD (ref. 160 nW/m @ 400 Hz). **Output:** Adjustable to 0.55 volt max. **External Connections:** Headphones, two mike inputs. **Size:** 4⅞x15⅜x9."

*TM Dolby Laboratories

Stereo Record/Play Cassette Deck with Auto-Record Level

- *CrO_2 Tape Switch*
- *Great Addition to Any Stereo with Tape In/Out Jacks*

79.95

Realistic SCT-12. This compact deck lets you record from radio, phonograph, or "live" using the dual mike inputs. Auto-Level sets recording level for you—no adjustments are required. End-of-tape Auto-Stop prevents tape damage. Has selector switch for CrO_2 or normal tape; push-keys for all modes including pause; 3-digit tape counter; adjustable output level; walnut-grained vinyl veneer case. 3⅛x5¾x8¾." U.L. listed. **14-601** **79.95**

Add Stereo Cassette Playback to Your Music System!

- *Adjustable Output Level*
- *End-of-Tape Auto-Stop*

49.95

Realistic SCP-2. The easy, low-cost way to add cassette listening to any music system that has aux or tape jacks. Features push-keys for play, stop/eject, fast-forward and rewind; Auto-Stop at end of tape play to prevent damage to cassettes; and adjustable output level control to match any receiver or amplifier input. Plays all cassettes. Compact simulated-walnut case. 3½x5½x8½." U.L. listed.
14-607 . . . . . **49.95**

RADIO SHACK'S OWN TOP-QUALITY RECORDING CASSETTES—SEE PAGE 40

AM/FM Stereo Receiver with Dolby* NR Cassette

NEW FOR '81 **279.95**

Just Add Speakers and a Turntable For a Complete Stereo Music System

Realistic Modulaire®-969. The heart of a versatile, great-sounding music system! Enjoy FM stereo, AM and cassette tapes—or record your own tapes directly off-the-air and from external sources. The Dolby noise reduction system on the cassette deck extends dynamic range and cuts tape "hiss." The tuner has an extra-wide lighted dial, precision flywheel control and lighted meter for easy and exact tuning. Features include detented volume, bass and treble controls, center-detent balance control; loudness pushbutton for full-range sound at low levels; high filter to reduce record "scratch;" inputs for ceramic or magnetic-cartridge phono; aux inputs and tape out jacks for adding a second tape deck; end of tape Auto-Stop to prevent tape damage; 3-digit tape counter to help find selections; mike inputs and headphone jack; speaker selector with Quatravox® circuitry that adds simulated four-channel sound when you use four speakers. Beautiful walnut vinyl veneer finish and brushed aluminum front panel. U.L. listed. Come in and hear this outstanding "all-in-one" value! **14-653** **279.95**

Loaded with Features!

Selector for best sound from CrO_2 or normal tapes

Dolby NR works on record & play for less noise, more music

- ***Smooth-Operating Cassette Transport with Pushbutton Controls and Soft-Eject Door***
- ***Dual Lighted Meters Make it Easy to Set Recording Levels***
- ***Full Auto-Stop at End-of-Tape***

*TM Dolby Laboratories

Modulaire-969 System with Audio Rack

Save $50.85

Reg. Separate Items 489.85

$439

- ***Modulaire-969 AM/FM Stereo Receiver/Dolby NR Cassette***
- ***Two Minimus®-9 Speakers with 8" Woofer, 3" Tweeter***
- ***LAB-56 Belt-Drive Changer • Rolling Audio Rack***

Modulaire-969 System

Save $44.80

Reg. Separate Items 423.80

$379

- ***Modulaire-969 AM/FM Stereo Receiver/Cassette***
- ***Two Minimus-5 Speakers with 6½" Woofer, 1½" Tweeter***
- ***LAB-56 Belt-Drive Changer with Base, Dust Cover and Magnetic Cartridge***

Record Your Own Stereo 8-Track Tapes for Car or Home

Our Finest Record/Play 8-Track Deck with Dolby* NR

- *Selectable Auto-Stop and Eject Prevent Accidental Erasures*
- *Fast Forward, Program Repeat and Auto-Eject*
- *Timer Eliminates "Blind" Recording*

199.95

Realistic TR-803. Stereo 8-track at its best! Dolby noise reduction system cuts "hiss" and extends dynamic range. Tape off-the-air, from records, or plug mikes into the ¼" jacks for "live" stereo recordings. Auto-Eject at end of program 4, all tracks, or continuous play. Large VU meters for accurate recording levels. Stereo headphone jack for easy monitoring of recordings. Walnut vinyl veneer finish. U.L. listed AC operation. **14-933** **199.95**

Frequency Response: 50-12,000 Hz. **Wow and Flutter:** Below 0.2%. **S/N Ratio with Dolby:** 55 dB. **Output Level:** Adjustable to 0.775V max. **Size:** 5⅛x16½x10¼".

*TM Dolby Laboratories

Timer Shows Elapsed Minutes and Seconds

Dolby NR Works on Play AND Record

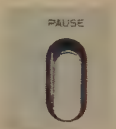
Pause Button Lets You Edit As You Record!

Stereo 8-Track Record/Play Deck with Most-Wanted Features

139.95

- *LED Program Indicators*
- *Auto-Stop at End of Program-4*
- *Fast Forward • Headphone Jack*

Timer Shows Elapsed Minutes and Seconds



Pause Control Lets You Edit While Recording!

Realistic TR-883. Record your own great sounding stereo 8-tracks! Tape stops automatically at end of program 4 when recording—prevents accidental over-recording. Continuous play or program-4 Auto-Stop on playback. Lighted VU meters for easy record-level setting. Adjustable output level. Walnut vinyl veneer case, 4⅝x14³⁄₁₆x8¹¹⁄₁₆". U.L. listed AC operation. **14-946** **139.95**

Budget-Priced Stereo 8-Track Tape Players

Portable Stereo 8-Track Player with AM/FM Radio

69.95 8-Track AM/FM

59.95 8-Track Only

Speakers Separate Up to 6 Feet!

LED Program Indicators

Enjoy 8-tracks, AM or FM anywhere! Built-in AM antenna, telescoping FM antenna. U.L. listed AC operation or 6 "D" batteries, (not incl.). **14-908** **69.95**

As above, but without AM/FM radio. **14-904** **59.95**

12VDC Car/Boat Adapter. Use vehicle power for either unit. **14-844** **6.95**

Stereo 8-Track Playback Deck

49.95

- *Play Your Car Tapes at Home*
- *Quality Sound, Minimum Cost*

Realistic TR-169. Add 8-track playback to any music system or console having aux or tape-in jacks. Adjustable output. Automatic and manual program change. 7x10x4" walnut vinyl case. U.L. listed. **14-935** **49.95**

OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE—WE'RE NEAR YOU

Open-Reel Deck with 3 Heads, 3 Motors, Logic Control

Open Reel Gives Highest Fidelity, Easiest Editing, Longest Recording Time

499.95

- ***Easy-to-Use! Pushbuttons with Full-Logic Solenoid Control Let You Switch from Fast Forward to Rewind to Play Without Tape Snarls or Spills***
- ***Separate High/Low Bias and EQ Settings for Best Response and Lowest Noise from Any Tape***
- ***7½ and 3¾ ips Speeds***

Professional Features

3 heads: erase, record, and play—for off-the-tape monitoring as you record!

High-torque wind and rewind motors. FG capstan servomotor for low wow and flutter!

Shown with optional metal reels. Tape not included.

Specifications

Frequency Response: 30-28,000 Hz ±3 dB, 30-20,000 Hz ±1.5 dB at 7½ ips. 30-20,000 Hz ±3 dB, 30-15,000 ±1.5 dB at 3¾ ips. **S/N Ratio:** Better than 58 dB at 7½ ips, 55 dB at 3¾ ips. **Total Harmonic Distortion:** 0.9% at 0 VU. **Wow & Flutter:** Less than 0.06% (WRMS) at 7½ ips. 0.08% (WRMS) at 3¾ ips. **Fast-Forward/Rewind Time:** 90 sec, 1800'. **Head Material:** Hard Permalloy. **Size:** 12⅞x16⅜x9".

Realistic TR-3000. Join the professionals and upgrade to open reel for wider frequency response, lower noise and distortion, greater dynamic range and "easy-to-be-creative" editing! Our finest-ever reel deck features a pushbutton-activated electronic solenoid system to control all tape movement, and a servo-controlled DC capstan motor to virtually eliminate wow and flutter. Twin idler arms and two high-torque reel motors maintain constant tape tension for smooth, fast winding. Separate mike and line input controls work like a built-in mixer. Pause and record mute controls let you edit out unwanted material *electronically* as you record. Lighted 3" VU meters, adjustable line output level, 4-digit tape counter, ¼" mike jacks, ¼" stereo headphone jack. With 7" plastic reel, two stereo patch cords. U.L. listed AC operation. **14-700** **499.95**

Take-Along Stereo 8-Track Player/Radio

119.95

- ***Two 3½" Speakers and "Wide-Scope" Switch For Added Stereo Dimension***
- ***Glide-Path® Volume/Balance Controls***

Concertmate®-8. Enjoy your favorite 8-track tapes, FM stereo or AM anywhere. Big-sound portable has Radio Shack's exclusive "Wide Scope" system that expands the stereo image for extra realism. Other features include tone control, stereo headphone jack, stereo indicator light, 8-track program indicators, built-in AM and telescoping FM antennas. High-performance design with FM RF stage, ceramic IF filters, and integrated circuits in all critical stages. 8½x13½x4¼". U.L. listed AC operation or 8 "D" batteries (not incl.) or optional 12VDC cord. One of our best-selling portables—you'll know why when you hear it! **14-920** **119.95**

12VDC Car/Boat Cord. 270-1534 . . . . . **4.49**

Complete "Take-Along" AM/FM Stereo Cassette Systems

Available Sept. 30, 1980

New Automatic Search Music System

Find your favorite selection fast! ASMS senses the "silence" between songs during fast-forward and rewind. You can advance the tape to the start of the next selection — or replay a selection — with the touch of a button!

Top of the Line! Stereo That Sounds Like "Home Hi-Fi"

NEW FOR '81

219.95

3-WAY POWER BATTERIES 12-V ELECTRIC

- ***Auto-Search Quickly Finds Next Selection on Cassettes***
- ***Built-In 2-Way Speaker Systems with Separate Woofers and Tweeters***
- ***Built-In Electret Mikes***

Realistic SCR-3. This one does it all — play prerecorded cassettes, tune AM, FM or FM stereo, and record tapes off-the-air or "live" using the two built-in electret mikes. And with mike-mixing you can even "sing-along" during playback. Seven function keys, including pause and cue-review, plus full Auto-Stop and LED indicator for "search" mode. Tape selector gives you optimum results with normal or CrO_2 cassettes. Separate volume, balance, and tone controls, tape counter, and monitor switch for listening while you record. LED display shows output power, recording level, and battery condition, LED FM stereo indicator. Jacks for external remote mikes, speakers, headphone. 10½x 17½x5" U.L. listed AC operation or 8 "D" batteries (not incl.) or external DC power.

14-772 . . . . . **219.95**

12VDC Car/Boat Cord. 270-1534 . . . . . **4.49**

Full-Featured, Low-Cost Portable

- ***Stereo-Wide Expands Stereo Image for Added Realism***
- ***Twin Speakers Deliver Wide Frequency Response***
- ***Two Built-In Electret Mikes***

139.95

3-WAY POWER BATTERIES 12-V ELECTRIC

Realistic SCR-2. Whenever and wherever you want, enjoy prerecorded cassettes, listen to AM, FM or FM stereo, or record your own tapes "live" or from the radio with this versatile stereo music center. No need to adjust recording levels — Auto-Level does it for you, automatically. Features include tone and balance controls, and slide switches for on/off, band selector, high/low speaker monitor volume, and "Stereo-Wide" sound enhancement. End of tape Auto-Stop saves batteries and tapes. Built-in tuning/record level/battery check meter, plus LED FM stereo indicator. Headphone, external speaker, and mike jacks. 9¼x14¾x10¼" U.L. listed AC operation or 6 "D" batteries (not incl.) or external DC power.

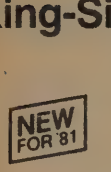
14-805 . . . . . **139.95**

12VDC Car/Boat Adapter. 270-1561 . . . . . **8.95**

GET IT "ON CREDIT" AT RADIO SHACK — MASTERCARD AND VISA HONORED AT MOST STORES

Triple-Play® — Portable AM/FM Cassette Recorders

King-Size with 2-Way Speaker System



99.95

- *Record Your Own Cassettes "Live" or Off-the-Air*
- *Separate Woofer and Tweeter for Wide-Range Sound*

Available Sept. 30, 1980

Realistic CTR-54. Our best monophonic AM/FM cassette recorder. You get great recordings everytime without adjustments, because Auto-Level sets the recording volume for you. There's a speaker monitor switch so you can listen as you record FM or AM, a tape counter to help find musical selections, and end-of-tape Auto-Stop. Also has a tone control, 3-way tuning/record level/battery check meter, jacks for a remote control mike, earphone, and aux input for recording from external sources. 9¼x14x3¾". Earphone included. U.L. listed AC operation or 6 "D" batteries (not incl.) or external DC Adapter. **14-816** **99.95**

All the Most-Wanted Features

84.95

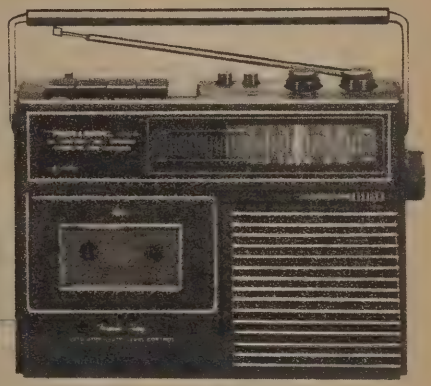
- *Battery/Tuning Meter*
- *Pause Control*
- *Tape Counter*

Realistic CTR-50. Enjoy AM/FM or cassettes anywhere you go. Features Auto-Level, Auto-Stop, tone control, speaker monitor, and tape counter. Jacks for remote control mike, aux input, earphone. 6¾x11¼x3". U.L. listed AC operation or 4 "D" batteries (not incl.) or external DC Adapter. **14-810** **84.95**

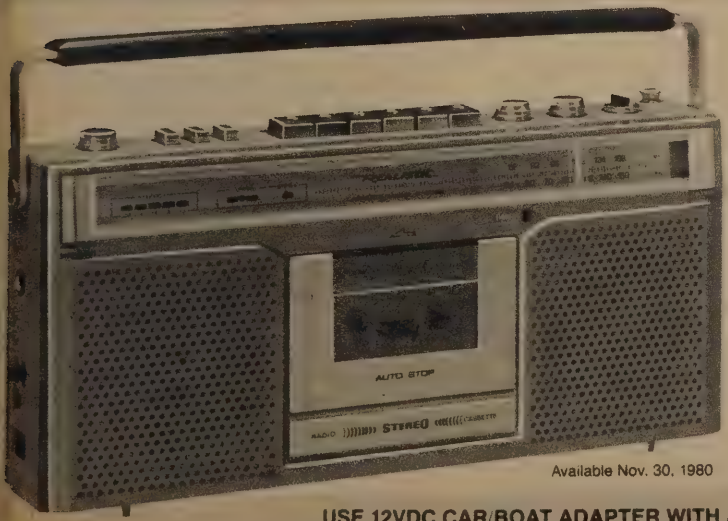
Record Off-the-Air or Live Even With Our Lowest-Priced Recorder

69.95

- *Auto-Level*
- *Auto-Stop*
- *Built-In Condenser Mike*



Realistic CTR-46. Features include LED recording indicator, tone control, speaker monitor, jacks for remote control mike, aux input, and earphone. 7½x10½x3". U.L. listed AC operation or 4 "C" batteries (not incl.) or external DC Adapter. **14-839** . . . **69.95**



Available Nov. 30, 1980

Compact, Yet Feature-Packed AM/FM Stereo Cassette Recorder

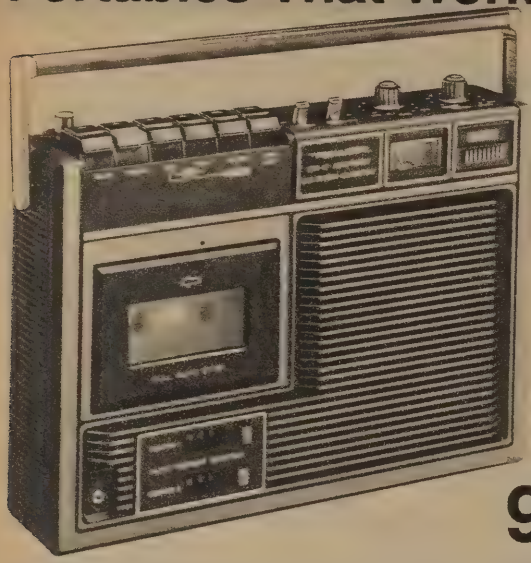
159.95

- *"Stereo-Wide" Switch for Enhanced Stereo Realism*
- *LED Level and Tuning Indicators*

Realistic SCR-4. Everything you need for high-quality stereo recording and listening. Two built-in electret mikes, Auto-Level recording, end of tape auto-stop, pause control, special "sleep" switch, and tape counter. Balance and tone controls, LED FM stereo indicator, two-level speaker monitor for listening as you record off-the-air, headphone jack, jacks for ext. speakers and remote control mikes. 7x14¼x2¾". U.L. listed AC operation or 6 "C" cells or external DC Adapter. **14-774** **159.95**

USE 12VDC CAR/BOAT ADAPTER WITH ALL FOUR RECORDERS ABOVE — SEE PAGE 38

Portables That Work On Home, Auto or Battery Power



"Auto-Repeat" Cassette Recorder

- *Pause Control*
- *Auto-Level*
- *Auto-Stop*
- *Built-In Condenser Mike*

99.95

Realistic CTR-47. Our top-of-the-line monophonic portable! Unique Auto-Repeat with two memory counters replays a portion or the entire side of the tape without touching the controls and cue/review lets you find desired passages quickly. Auto-Level for perfect recordings. Normal or CrO_2 tape selector, battery/VU meter, record monitor switch. Jacks for remote control mike, aux, and earphone. 8½x12x3¼." U.L. listed AC operation or 4 "D" batteries (not incl.) or external DC adapter. **14-801** **99.95**

Feature-Packed Recorder

69.95

Available Nov. 30, 1980

Realistic CTR-51. Select Auto-Level for voice or adjust record level manually for music. Built-in condenser mike, battery condition/record level meter, plus jacks for aux input, remote control mike, external speaker/earphone. 2 3/16x10x6⅞." U.L. listed AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-813** **69.95**

Take-Anywhere Cassette Portables with Built-In Microphones

Recorder with Cue-Review

59.95

- *Mike Mixing*
- *Digital Counter*

3-WAY POWER
BATTERIES
12 V
ELECTRIC

Realistic CTR-41. Record from aux jack and external or built-in condenser mike at the same time! Cue/review for audible fast-forward and rewind, Auto-Level, Auto-Stop. Earphone/external speaker jack. 2¾x5¼x10¼." U.L. listed AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-841** **59.95**

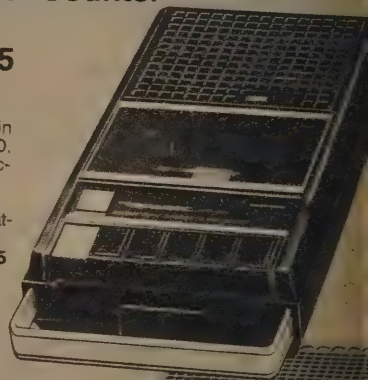
Recorder with Digital Counter

- *Auto-Level*
- *Auto-Stop*

49.95

Realistic CTR-40B. Features built-in condenser mike, battery record LED, and digital counter to locate any section of the tape. Jacks for remote mike, aux, earphone. 2¾x5½x10." U.L. listed AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-818** **49.95**

12VDC Car/Boat Adapter. Operate every cassette recorder on this page in your car. Plugs into cigarette lighter, reduces voltage from 12V to 6 or 9 volts. **14-844** **6.95**



AC/Battery Portable

39.95

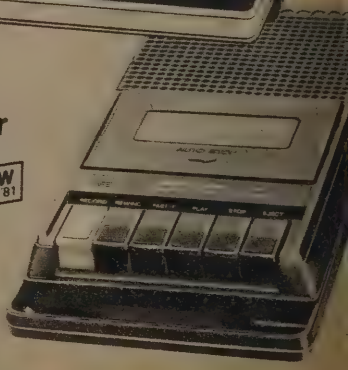
Popular Priced with 3-Way Power

Realistic CTR-49. Take it along anywhere! Sliding volume control, End-of-Tape Auto-Stop. Jacks for remote mike, aux, earphone. 2⅞x5½x10¼." U.L. listed AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-809** **39.95**

Lowest-Priced Recorder

A Real Value for Students! **29.95** NEW FOR '81

Realistic CTR-52. Built-in condenser mike, Auto-Level, Auto-Stop, and volume control. Jacks for remote control mike, aux, earphone. 2⅝x5¾x10½." Requires 4 "C" batteries or external adapter. **14-804** **29.95**
AC Adapter. 273-1454 . . . . . **5.95**



RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Realistic® Compact "On-the-Go" Cassette Portables

NEW FOR 81

Take-Along Handy Recorder

- *LED Record Indicator*
- *Built-In Condenser Mike*
- *3-Digit Counter*

79.95

Realistic Minisette®-8. Hand-held yet has deluxe features. Rewind/backspace lets you replay a passage without pushing stop. Auto-Level, pause, Auto-Stop. Jacks for remote mike, earphone. 6½x5x1¾." Requires 4 "AA" batteries or external AC, DC adapter.
14-807 . . . . . **79.95**

Mini-Cassette Pocket Recorder

A Handful of Features **79.95**

Realistic Micro-Minisette II. Easy operation with just one hand! Built-in mike, Auto-Level, LED record/battery indicator, Auto-Stop. External jacks for mike, earphone. 5 3/16x2 11/16x1 1/16." Uses 44-633 mini-cassettes, below. With case. Requires 2 "AA" batteries, or use rechargeable nickel cadmium batteries with optional adapter.
14-815 . . . . . **79.95**

AC Adapter/Charger. U.L. listed.
273-1435 . . . . . **4.95**

Rechargeable "AA" Batteries.
23-125 . . . . . **Pkg. of 2/4.39**

Mini-Cassette

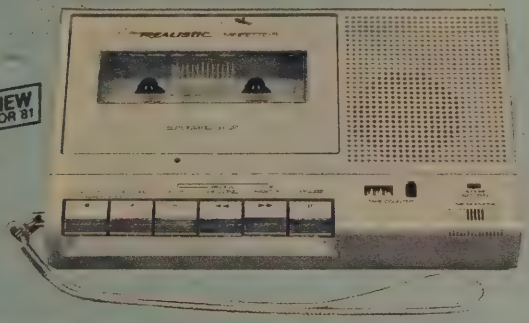
Matchbook size cassette for use with Minisette II, above. 30 minutes total recording time. **44-633** **2.99**

High-Style, Ultra-Slim Recorder

79.95

NEW FOR 81

- *Continuous Tone Control*
- *Cue/Review*



Realistic Minisette-9. No bigger than a small book, but loaded with features. Auto-Level, Auto-Stop, pause control, 3-digit counter, LED record/battery indicator, built-in mike. External jacks for remote control mike, earphone. 1 5/16x7 3/16x4 9/16." Requires 4 "AA" batteries or external AC, DC adapter. **14-812** **79.95**

AC Adapter. Operates these portable cassette recorders from AC—saves batteries. Converts 120VAC to 6VDC. U.L. listed. **273-1454** **5.95**
DC Adapter. (See page 38) **6.95**

Full-Feature AM/FM/Cassette Recorder

89.95

- *Auto-Level*
- *Auto-Stop*
- *Pause*
- *Tape Counter*

Realistic Minisette-VII. Versatility in a "take-anywhere" size! Record with built-in mike or tape directly off-the-air. Features LED battery indicator, FM-AFC, speaker monitor switch, and a special "sleep" function shuts off radio automatically. External jacks for remote control mike and speaker. 4½x8¼x2¼." With earphone. Requires 4 "AA" batteries or external AC, DC adapter.
14-803 . . . . . **89.95**

Personal Size Cassette Recorder

69.95

- *Built-In Condenser Mike*
- *Auto-Level • Tape Counter*
- *Pause Control • Auto-Stop*

Realistic CTR-48. Don't let its small size fool you! Great for taping lectures, meetings, family events, learning a language, and much more! Auto-Level adjusts the recording volume. Pause control makes editing easy. 3-digit tape counter helps you find selections quickly. Other features include end-of-tape Auto-Stop and LED battery/record level indicator. External jacks for remote control mike and earphone or speaker. 4¼x6¾x2." With earphone, carry case. Requires 4 "AA" batteries or external AC, DC adapter. **14-802** **69.95**

FOR EXTERNAL REMOTE-CONTROL MICROPHONES, SEE PAGES 60, 61

Radio Shack Cassettes—Great Sound, Great Value

SUPERTAPE METAL Cassette—Rivals Open-Reel Performance

NEW FOR '81

9.95 C-60

Coercivity (Hc) (Nominal): 1100 Oersteds; Retentivity (Br) (Average): 3200 Gauss; Dynamic Range: 68 dB.

Available Oct. 30, 1980

State of the Art! Coated with fine-grain metal particles—not oxide→Supertape Metal's improved magnetic properties give greater output at both high and low frequencies and unbelievably low noise levels. This increased dynamic range means you can record solid bass and soaring highs that really sparkle—for true music reproduction that is virtually indistinguishable from open-reel tape. Supertape Metal has the sound you've always wanted from a cassette tape. For recorders with metal-bias switch position. Playable on any cassette deck. **44-960** **9.95**

SUPERTAPE CHROME Cassettes for Wide Dynamic Range

Low As **3.49** C-60

Coercivity (Hc) (Nominal): 550 Oersteds; Retentivity (Br) (Average): 1800 Gauss; Dynamic Range: 64.1 dB.

High-bias Chromium Dioxide formula captures the loudest and softest passages while minimizing noise. Greater high-frequency headroom preserves "detail" for superb sound. For recorders with CrO_2 bias switch. Playable on any cassette. Head-cleaning leader tape for perfect recordings. Includes hinged storage case.

Cat. No.	Type	Total Recording Time	EACH 1-11	12-23	24-47	48-Up
44-930	C-60	60 minutes	3.49	3.10	2.79	2.29
44-931	C-90	90 minutes	4.49	4.00	3.59	2.99

SUPERTAPE GOLD Premium Quality Ferric-Oxide Tape

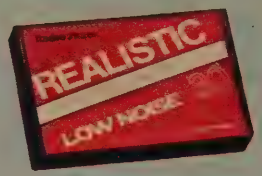
The ultimate in audio response from a ferric tape at normal bias! Precision housing is shielded against hum, and cuts wow/flutter. With hinged storage case and head cleaning leader tape.

Coercivity (Hc) (Nominal): 335 Oersteds; Retentivity (Br) (Average): 1500 Gauss; Dynamic Range: 60.4 dB.

Low As **2.59** C-45

Cat. No.	Type	Total Recording Time	EACH 1-11	12-23	24-47	48-Up
44-920	C-45	45 minutes	2.59	2.29	1.99	1.69
44-921	C-60	60 minutes	2.99	2.69	2.39	1.99
44-922	C-90	90 minutes	3.99	3.59	3.19	2.69
44-923	C-120	120 minutes	4.79	4.29	3.79	3.19

Realistic Low-Noise Cassettes with Exclusive "Hi-Flux Density"



Low As **1.49** C-30

Our general-purpose cassettes feature Hi-Flux Density oxide for high output, wide frequency response, low noise and distortion at moderate cost! Ideal for voice or music. Precision housing cuts friction and reduces wow and flutter. Hinged storage case included.

Cat. No.	Type	Total Recording Time	EACH 1-11	12-23	24-47	48-Up
44-601	C-30	30 minutes	1.49	1.29	1.19	.99
44-602	C-60	60 minutes	1.89	1.69	1.49	1.25
44-603	C-90	90 minutes	2.59	2.29	1.99	1.69
44-604	C-120	120 minutes	3.19	2.79	2.49	2.09

Quality Sound Reproduction at a Very Affordable Price! Our Popular CONCERTape® Cassettes

A smart choice for voice and general-purpose recordings. Use shorter tapes for "voice letters," longer tapes for concert length recordings. All have heavy-duty Polyester base that resists breakage and stretching.

3-Pack Recording Tape

Low As **1.99** C-30

Cat. No.	Type	Recording Time Each Cassette	EACH 3-Pack 1-11	12-Up
44-606	C-30	30 minutes	1.99	1.79
44-607	C-60	60 minutes	2.59	2.29
44-613	C-90	90 minutes	3.59	3.19
44-614	C-120	120 minutes	4.95	4.39

Single-Pack Recording Tape

1.25 C-90 **88¢** C-60

Cat. No.	Type	Recording Time Each Cassette	EACH
44-605	C-60	60 minutes	88¢
44-620	C-90	90 minutes	$1.25

Mini-Cassettes

15 Minutes Each Side **2.99**

Ideal for dictation, memos, voice, notes. Fits rim-drive recorders such as Realistic's own Minisette II, Norelco, Dictaphone, Lanier.

Cat. No.	Total Record Time	EACH 1-9	10-Up
44-633	30 minutes	2.99	2.69

Micro-Cassettes

NEW FOR '81

30 Minutes Each Side **3.99**

The smallest cassette made. Designed for capstan-drive recorders such as Olympus, Panasonic, Sony, others.

Cat. No.	Total Record Time	EACH 1-9	10-Up
44-640	60 minutes	3.99	3.59

YOUR LOCAL RADIO SHACK STORE CAN OFFER YOU EVEN BIGGER DISCOUNTS ON LARGE QUANTITY ORDERS

Shack® is the Place to Buy 8-Track Recording Tape

SUPERTAPE Lab Standard 8-Track Tape

- ***Special Fine-Grain Oxide for Wide Frequency Response • Low Noise***
- ***Extended Dynamic Range • Quality at Low "Quantity" Prices***

Manufactured in the USA in Radio Shack's Own Factories

Super sensitivity and smooth response lets you record better sounding tapes than you can buy! Perfect for recording off-the-air, from discs or "live." High-output, low-noise formulation reduces "hiss." Back-coated with a special lubricant to help reduce head wear, while increasing tape life. Tough tensilized Polyester base resists stretching and breaking.

Low As 2.99 45 Min.

Cat. No.	Total Recording Time	EACH			
		1-11	12-24	25-49	50-Up
44-842	45 minutes	2.99	2.69	2.59	2.39
44-843	90 minutes	3.89	3.49	3.29	3.09

Stock Up at Radio Shack's Low "Quantity" Prices

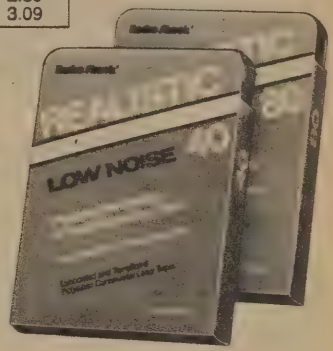
Economical Realistic 8-Track Tape

Our Own Special-Formula Oxide Coating Captures More of the Music with Less Noise

Record your own cartridges from any source at low cost. Friction-reducing lubricant increases tape life and reduces head wear for trouble-free recording and playback. Polyester base resists breaks, stretches, and the effects of age and humidity. At our low "quantity" prices, it's smart to stock up.

Cat. No.	Total Recording Time	EACH			
		1-11	12-24	25-49	50-Up
44-840	40 minutes	1.99	1.79	1.69	1.59
44-841	80 minutes	2.59	2.29	2.09	1.95

Low As 1.99 40 Min.



Realistic Prerecorded Stereo Cassettes and 8-Tracks Set the Mood

Dance the Disco Beat!

Disco Dynamite. 10 hot tunes! "Giving Up, Giving In," The Three Degrees; "Never Can Say Goodbye," Gloria Gaynor; "More Than A Woman," Tavares; 7 others.
8-Track. 51-6090 . . . . 3.89 Cassette. 51-6190 . . . 3.89

Disco Dynamos. Dance fever runs high—includes "Ain't Gonna Bump No More," Joe Tex; "Mellow Lovin'," Judy Cheeks; "A-Freaka-A," Lemon; "I'm A Man," Macho; "In The Bush," Musique; "Hot Shot," Karen Young; 4 others.
8-Track. 51-6091 . . . . 3.89 Cassette. 51-6191 . . . 3.89

Pop Favorites of the Seventies

Top Hits of the 70's, Vol. I. Favorites like "Black Magic Woman," Santana; "Hold Your Head Up," Argent; "Rock On," David Essex; "Brandy," Looking Glass; "Baby Don't Get Hooked on Me," Mac Davis; 2 others.
8-Track. 51-6070 . . . . 3.89 Cassette. 51-6170 . . . 3.89

Top Hits of the 70's, Vol. II. Ten super-hits like "Raindrops Keep Fallin' on My Head," B.J. Thomas; "Venus," Shocking Blue; "Rock Me Gently," Andy Kim; "Band of Gold," Freda Payne, "Last Song," Edward Bear; 5 others.
8-Track. 51-6071 . . . . 3.89 Cassette. 51-6171 . . . 3.89

Top Hits of the 70's, Vol. III. Popular tunes like "The Air That I Breathe," The Hollies; "Please Come to Boston," Dave Loggins; "Wildfire," Michael Murphy; "I Love Music," O'Jays; "You'll Never Find," Lou Rawls; 5 others.
8-Track. 51-6074 . . . . 3.89 Cassette. 51-6174 . . . 3.89

Top Hits of the 70's, Vol. IV. "You're No Good," Linda Ronstadt; "Hot Line" and "Boogie Fever," Sylvers; "The Loco-Motion," Grand Funk; "Wildflower," Skylark; "Here Comes That Rainy Day Feeling Again," Fortunes; 4 others.
8-Track. 51-2110 . . . . 3.89 Cassette. 51-1108 . . . 3.89

Top Hits of the 70's, Vol. V. Memorable hits like "Two Out of Three Ain't Bad," Meatloaf; "Every 1's A Winner," Hot Chocolate; "The Best Thing That Ever Happened," Gladys Knight & The Pips; 7 others.
8-Track. 51-6075 . . . . 3.89 Cassette. 51-6175 . . . 3.89

Top Hits of the 70's, Vol. VI. "Sentimental Lady," Bob Welch; "Baker Street," Gerry Rafferty; "Bluer Than Blue," Michael Johnson; "Help Is On The Way," Little River Band; "Think It Over," Cheryl Ladd; 5 others.
8-Track. 51-6077 . . . . 3.89 Cassette. 51-6177 . . . 3.89

Soft Sounds Of The Beatles. All time favorites like "Eleanor Rigby," Tony Bennett; "I Want To Hold Your Hand," Ray Conniff; "My Sweet Lord," Maynard Ferguson; "Something," Jerry Vale; "Yesterday," Marty Robbins; 5 others.
8-Track. 51-6076 . . . . 3.89 Cassette. 51-6176 . . . 3.89

Country and Truckin' Hits

Country Greats of the 60's, Vol. I. Ten favorites including "Harper Valley P.T.A," Jeannie C. Riley; "Folsom Prison Blues," Johnny Cash; "Ballad of Jed Clampett," Flatt and Scruggs; 7 others.
8-Track. 51-6063 . . . . 3.89 Cassette. 51-6163 . . . 3.89

Country Greats of the 60's, Vol. II. Big hits including "Stand By Your Man," Tammy Wynette; "Daddy Sang Bass," Johnny Cash; "Wolverton Mountain," Claude King; "North To Alaska," Johnny Horton; 6 others.
8-Track. 51-6064 . . . . 3.89 Cassette. 51-6164 . . . 3.89

Put The Hammer Down! Truckers' favorites like "Convoy," C.W. McCall; "The White Knight," Cledus Maggard; "Movin' On," and "White Line Fever," Merle Haggard; 6 others.
8-Track. 51-6001 . . . . 3.89 Cassette. 51-6101 . . . 3.89

Keep On Truckin.' "Me and Ole C.B.," Dave Dudley; "Wolf Creek Pass," C.W. McCall; "Truck Drivin' Man," Glen Campbell; "Trucker And The U.F.O.," Brush Arbor; 6 others.
8-Track. 51-6003 . . . . 3.89 Cassette. 51-6103 . . . 3.89

Music Country. Charlie Rich, Glenn Campbell, Anne Murray, Johnny Cash, Roy Clark, Tex Ritter, Ferlin Husky, Sonny James sing 11 country hits.
8-Track. 51-2007 . . . . . 3.89

Country-Pop Hits of the 70's, Vol. I. Ten hits like "Snowbird" and "Danny's Song," Anne Murray; "Wolf Creek Pass," C.W. McCall; 7 others.
8-Track. 51-6072 . . . . 3.89 Cassette. 51-6172 . . . 3.89

Country-Pop Hits of the 70's, Vol. II. Favorites like "Country Boy," Glen Campbell; "A Love Song," Anne Murray; "Since I Met You Baby," Freddy Fender; 7 others.
8-Track. 51-6073 . . . . 3.89 Cassette. 51-6173 . . . 3.89

Country-Pop Hits of the 70's, Vol. III. Ten top tunes like "You Never Even Called Me By My Name," David Allen Coe; "One Piece At a Time," Johnny Cash; "Mr. Lovemaker," Johnny Paycheck; "Baby Doll," Barbara Fairchild; "Since I Fell For You," Charlie Rich; "The Door," George Jones; "El Paso City," Marty Robbins; 3 others.
8-Track. 51-2111 . . . . 3.89 Cassette. 51-1109 . . . 3.89

Country-Pop Hits of the 70's, Vol. IV. Ten recent hits like "Rhinestone Cowboy," Glen Campbell; "I'm Not Lisa," Jessi Colter; "It Doesn't Matter Anymore," Linda Ronstadt; "Love In The Hot Afternoon," Gene Watson; 6 others.
8-Track. 51-2112 . . . . 3.89 Cassette. 51-1110 . . . 3.89

Country-Pop Hits of the 70's, Vol. V. Includes "Cold War," Floyd Tillman; "Lonely Weekend," Ronnie Milsap; "I'm Not A Fool Anymore," B.J. Thomas; "Anything For You," Moe Bandy; 6 others.
8-Track. 51-6065 . . . . 3.89 Cassette. 51-6165 . . . 3.89

Country-Pop Hits of the 70's, Vol VI. "Don't It Make My Brown Eyes Blue," Crystal Gayle; "Paper Rosie," Gene Watson; "Southern Nights," Glen Campbell; "You Needed Me," Anne Murray; "Crazy Arms," Linda Ronstadt; 5 others.
8-Track. 51-6067 . . . . 3.89 Cassette. 51-6167 . . . 3.89

Progressive Country. Recent hits like "Uneasy Rider," Charlie Daniels Band; "Blue Eyes Crying In The Rain," Willie Nelson; "Panama Red," New Riders of the Purple Sage; "Chestnut Mare," Byrds; 6 others.
8-Track. 51-6066 . . . . 3.89 Cassette. 51-6166 . . . 3.89

Stereo Demonstration Cassette. Show off your hi-fi system! Includes full audio spectrum—everything to test your system. 11 selections in all.
Cassette. 51-1106 . . . . . 3.89

Jazz and Big Band Sounds

Kings of the Big Bands & Kings of Dixieland. Ten big tunes by 9 great bands like Benny Goodman, Harry James, Glen Gray, Woody Herman, Stan Kenton, Pee Wee Hunt, Bob Crosby's Bobcats.
8-Track. 51-2003 . . . . 3.89 Cassette 51-1107 . . . . 3.89

Radio Shack For a Full Range of Open-Reel Tape

Supertape® — Premium Quality Recording Tape

Low As **3.49** 5" Reel

- *Super-Calendered for a Mirror-Like Surface*
- *Wide Dynamic Range — Captures All the Music*

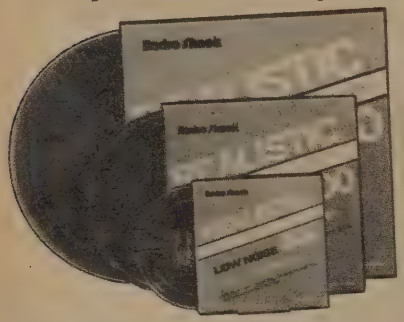
Supertape brings out superb sound from any recorder, without special bias settings. Our carefully controlled calendering produces a smoothness which minimizes tape and head wear, and you get superior sensitivity and wide frequency response, too. Polyester base has high tensile strength and resists deteriorization due to age and humidity.

Cat. No.	Reel Size	Feet	Mil	Base	Each 1-9	Each 10-499
44-1872	5"	900	1.0	Standard	3.49	2.79
44-1878	7"	1200	1.5	Standard	4.99	3.99
44-1877	7"	1800	1.0	Standard	5.59	4.49
44-1880	7"	3600	0.5	Tensilized	9.99	7.99

Supertape's Super Specs

Frequency Response:*
1 kHz ..... 0 dB
10 kHz ... +0.5 dB
15 kHz ... +0.8 dB
20 kHz ... +1.3 dB
Dynamic Range: .... 63.0 dB
Coercivity (Hc): 300 Oersteds
Retentivity (Br): ... 1220 Gauss
*Reference Tape 3M-207

Buy Realistic Tape in Quantity and Really Save!



Low As **1.19** 3" Reel

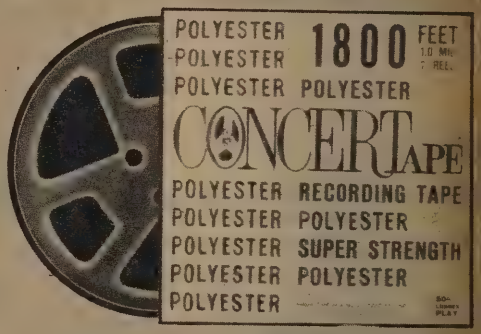
- *Wide Frequency Response*
- *Durable, Long-Lasting*

A high-quality open-reel tape with uniform oxide coating for wide frequency response, excellent signal-to-noise ratio. Standard Polyester base resists temperature and humidity changes without growing brittle. Tensilized Polyester base has extra strength to resist stretching.

Low Cost, Low-Noise Recording Tape

Cat. No.	Reel Size	Feet	Mil	Base	Each 1-5	Each 6-9	Each 10-49	Each 50-499
44-734	3"	225	1.0	Standard	1.19	1.09	.99	.89
44-760	3¼"	600	0.5	Tensilized	1.99	1.79	1.69	1.59
44-753	5"	900	1.0	Standard	2.49	2.19	2.09	1.89
44-752	5"	1200	0.5	Tensilized	3.49	3.15	2.95	2.59
44-754	7"	1800	1.0	Standard	4.49	4.05	3.79	3.29
44-758	7"	2400	0.5	Tensilized	5.49	4.95	4.65	4.09
44-766	7"	3600	0.5	Tensilized	7.29	6.55	6.19	5.39

Budget Priced Concertape®

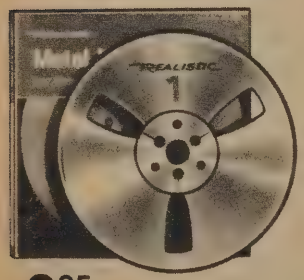


2.19 *All-Purpose Recording Tape*

Great for voice and all general-purpose recording. Heavy-duty Polyester base resists breakage and stretching. 1800 feet, 7" reel. **44-1018** **2.19**

Accessories for Your Reel-to-Reel Tapes and Recorder

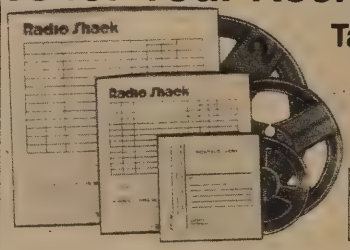
7" Metal Reel



6.95 *"Pro" Quality*

Won't crack, split or warp. Brushed, anodized aluminum finish. With storage box.
44-280 ..... **6.95**

Tape Reels with Boxes



Tough Plastic Reels. Hinged Box Design with Index and Timing Chart. Low As **35¢**

Cat. No.	Reel	Each	Cat. No.	Reel	Each
44-273	3"	.35	44-278	5"	.99
44-1000	3¼"	.39	44-279	7"	1.19

Tape Reel Holders

1.19 Pkg. of 2

Keeps reels seated and wobble-free. **44-1068** ... Pkg. of 2/1.19

Color-Coded Leader Tapes

Ideal for Editing **1.39**

Two 150' reels of ¼" Polyester tape, 1 red, 1 white. **44-1053** **1.39**

Splicing and Sensing Tape

1.99 A

69¢ B

A **Sensing Tape.** Stops or reverses recorders with contact or photo-sensing systems. 100'. **44-1155** **1.99**

B **Splicing Tape.** Repair old tapes or use for making edits. Tough Polyester base. Resists age, heat, humidity.

Fig.	Width	Cat. No.	Each
B	¼"	44-1125	.69
B	⅜"	44-1126	.69
B	½"	44-1127	.69

RADIO SHACK MANUFACTURES ITS OWN RECORDING TAPE IN THE USA

Carrying Cases to Organize Your Tape Library

24 Cassette Attaché Case

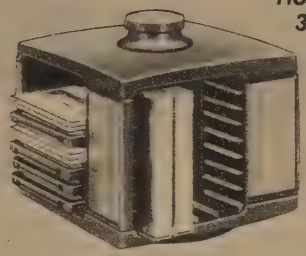
14.95

- *Goes Anywhere*
- *Protects Tapes*

Carry and protect your favorite cassettes, in style, with this rugged case featuring a brown leather-grained vinyl exterior, brown velour interior, and brushed aluminum trim. 4½x8½x14½." **44-663** **14.95**

Handy Cassette Carrousel

Holds Up to 32 Tapes

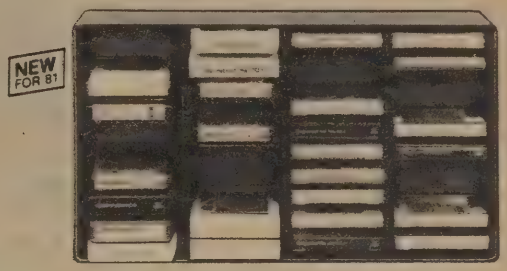


9.95

Rotary base for quick access to any cassette. Accepts tapes with or without outer box. Can be stacked to add extra storage easily. 5½x6⅝x6⅝." **44-673** **9.95**

40 Cassette/8-Track Tape Storage Center

13.95



Perfect protection for your favorite recordings. Lets you store and organize up to 40 cassettes or 8-track tapes easily. Molded, high-impact plastic fits on wall or shelf. 10½x19x4." **44-668** **13.95**

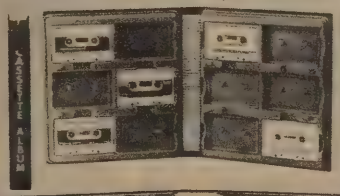
Low-Cost Cassette Storage Case

Titles are Visible Through Cover

Holds 15 Cassettes **3.79**

Smoke-tinted cover protects tapes against dust—lifts off for easy access. 3⅛x12½x4½." **44-665** **3.79**

Cassette Storage Albums



A **3.49**

B **6.49**

Stores Easily on Book Shelf, Under Car Seat

Folding design with handle for home or car use. Index labels included.

A **12-Cassette Album.** 10½x9½x1¼." **44-612** **3.49**

B **24-Cassette Album.** 10½x9½x2¾." **44-609** **6.49**

Cassette Carrying Cases

5.95 A

B **8.99**

For Home or Auto

Take your music tapes with you. Ideal for use with portables or in your car. All have sturdy carrying handles and scuff-resistant padded vinyl construction.

Fig.	Cat. No.	Holds	Price
A	44-659	10	5.95
B	44-658	24	8.99
. . .	44-657	12	5.99

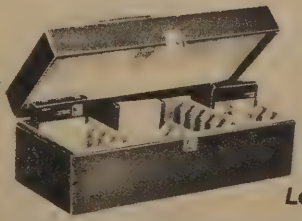
Protect Your 8-Track Tapes with an Attractive Case

Convenient 12-Tape Case

3.99

Decorative smoke-tinted case. Lid lifts for easy access. 5½x12½x4¼." **44-664** **3.99**

Handy 24-Tape Cartridge Carrying Case



9.95

Lockable

Rugged black vinyl exterior with cushioned red velour interior. Aluminum latch locks for added security. 6x17x7½." **44-660** **9.95**

Universal Carry Case for 8-Track and Cassettes

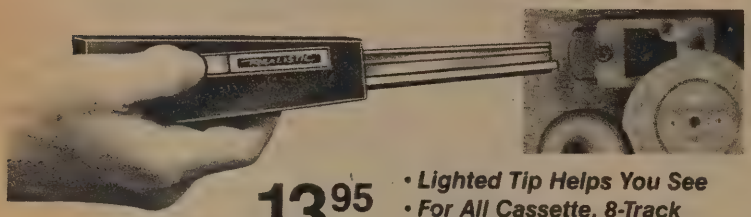
15.95

Holds 24 Tapes

Durable padded grained-vinyl covering with attractive red velour interior. Brushed aluminum trim and snap latch. 9¼x13x5¼." **44-671** **15.95**

Low-Cost Accessories for "Pro" Recording Results

Illuminated Tape Head Demagnetizer



13.95

- *Lighted Tip Helps You See*
- *For All Cassette, 8-Track and Open-Reel Equipment*

Restores high frequency response, reduces hiss and prevents tape damage that can be caused by magnetized heads. Lighted 3½"-long probe makes it easy to use in hard-to-see areas. 1x9x2" overall. U.L. listed AC operation.
44-207 . . . . . **13.95**

Universal Demagnetizer

9.95 *For All Tape Players*

Reduces "hiss," improves signal/noise ratio on cassette, 8-track and open-reel equipment. Two interchangeable tips can be bent to any angle. U.L. listed AC operation.
44-211 . . . . . **9.95**

Budget Demagnetizer

For Cassette or Open-Reel **5.95**

Pencil-shaped head demagnetizer works on cassette and open reel recorders. Reduces hiss and helps maintain high frequency response. U.L. listed AC operation.
44-215 . . . . . **5.95**

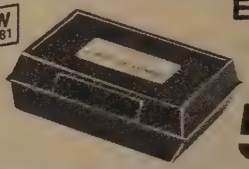
Magnetic Bulk Tape Eraser

Erases 8-Track, Cassette, Open-Reel Tapes and Computer Disks **15.95**

The fastest and best way to erase tapes! Not only erases, but reduces noise levels below recorder's own erase head level. For open-reel, cassette, 8-track tapes and computer floppy disks. Hi-impact molded housing. On-off switch conveniently located on side of handle. Not for metal tapes. U.L. listed AC operation. **44-210** **15.95**

Micro/Mini Cassette Tape Eraser

NEW FOR '81



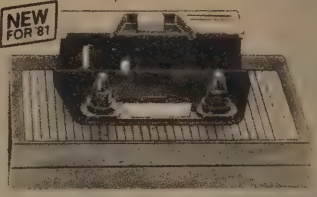
5.95

- *For All Mini & Micro Cassettes*
- *Cordless—No Power Required*

Removes recorded material on all micro and mini cassettes in 2 seconds. Built-in magnet provides strong demagnetizing field, with no outside power or batteries required. Ideal for home or office use. **44-230** **5.95**

Electric Cassette Tape Winder

NEW FOR '81



Automatic Shut-Off at End-of-Tape **10.95**

Rewind one cassette while you listen to another! Or use your cassette deck for continuous recording without the bother of stopping to rewind tapes. Fits most home or auto cassette tape racks. Typical cassette rewind times in seconds: C-30, 25; C-60, 45; C-90, 60; C-120, 90. Requires 3 "AA" batteries. **44-209** **10.95**

Heavy-Duty Carry Strap

NEW FOR '81

For Portable Radios and Tape Players **5.95**

Durable nylon web carry-strap makes portables easy to tote. Fully adjustable, with sturdy metal clasps for easy "snap-on" attachments.
44-690 . . . . . **5.95**

Precision Tape Splicers

5.95

Includes Roll of Splicing Tape

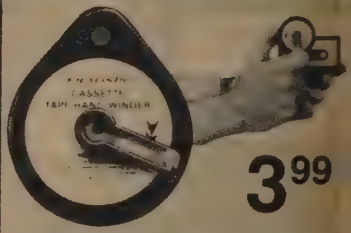
Repair or edit your own tapes. Chromed cut/trim lever makes diagonal cuts, adjusts to trim away excess splicing tape.
Open-Reel. 44-212 . . . . . **5.95**
Cassette. 44-214 . . . . . **5.95**

Universal Dual-Track Tape Splicer

Cuts/Splices All Tape Widths **1.99**

Splices cassette, 8-track and reel-to-reel tapes with ease. Position tape, cut with razor blade (included), apply splicing tape, trim away excess. With instructions. **44-216** **1.99**

Cassette Fast-Winder



3.99

Fast-wind tape by hand while listening to others. Winds a C-90 cassette in just 60 seconds—faster than most recorders do!
44-213 . . . . . **3.99**

Car/Boat Adapter

Saves Batteries **6.95**

Powers 6 or 9V portable radios, recorders from cigarette lighter socket of any 12VDC negative ground vehicle. **14-844** **6.95**

On-Off Foot Switch

3.69

Great for dictation or transcribing tapes. Plugs into remote control jack of recorder. **44-610** **3.69**

On/Off Switch

For Cassette Recorders **3.99**

Remote start/stop without adjusting controls. Sub-mini plug fits recorder remote control jack.
44-777 . . . . . **3.99**

Telephone Pickup Coil

1.99

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, ⅛" mini-plug.
44-533 . . . . . **1.99**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Tape Equipment Care and Cleaning Accessories

Electronic Cassette Demagnetizer

NEW FOR '81

21.95

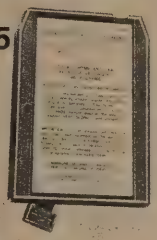
Available Nov. 30, 1980

- ***Demagnetizes in Less Than a Second***
- ***No AC Power Needed***
- ***Prevents Loss of High Frequency Response***

Demagnetizes the heads of your cassette recorder just as easily as loading a cassette! Ideal for "slot load" and hard to reach auto cassette players as well as portables and home decks. Completely automatic, with LED indicator. Includes long-life batteries for up to 500 applications. **44-1165** **21.95**

8-Track Demagnetizer/Head Cleaner

Restores Volume and Improves S/N Ratio **6.95**



Demagnetizes as it removes oxide deposits. Reduces hiss, prevents treble loss and helps prevent jamming. Ideal for 8-track players and recorders in home or car. Cordless.
44-630 . . . . . **6.95**

Cassette Demagnetizer and Head Cleaner

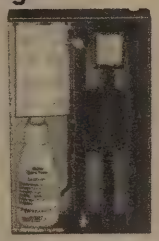
5.95 ***Extends Tape Life, Reduces Hiss and Noise***

Insert for 60 seconds following every ten hours of equipment operation to prevent loss of "highs" and give your tapes longer life. Great for car players, cassette decks and portables. Cordless.
44-631 . . . . . **5.95**

Tape Head Cleaning Kit

NEW FOR '81

5.95



Get better tape recording and playback every time! Complete set of tools for cleaning and inspecting typical path of tape travel—guides, heads, capstan and pinch roller. For cassette, 8-track and open-reel tape decks.
44-222 . . . . . **5.95**

Professional-Quality Head Cleaning Kit

For Audio & Video Tape Equipment **2.99**

NEW FOR '81

Includes one 6-dram bottle of special Freon solvent and six reuseable lintless foam swabs for cleaning both video and audio recording heads.
44-1170 . . . . . **2.99**
Freon Solvent. 2-oz. bottle. **44-1171** **1.89**

Cassette Repair Kit

1.19

Lets you transfer cassette tape from a damaged or defective housing to a new one. With 24" leader tape and instructions.
44-626 . . . . . **1.19**

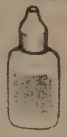
8-Track Tape Repair Kit

Salvage Your Cartridges

Everything you need for repairing up to 25 damaged 8-track cartridges. Self-aligning splicing block, 12 metalized and 24 non-metalized splicing tabs, cutting blade, plastic cement, and complete repair manual. **44-627** **4.49**

4.49

Cassette Doubleheader



2.49

Restores fidelity and extends tape life by removing harmful oxide deposits from tape heads. Keeps capstans clean for trouble-free operation.
44-1162 . . . . . **2.49**

8-Track "Doubleheader"

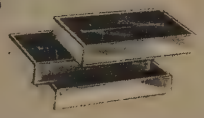
2.69

Easy-to-Use

8-track head and capstan cleaner. Insert each end of cartridge for 10 seconds to fully clean heads and capstans.
44-208 . . . . . **2.69**

Cassette Storage Boxes

1.19
3-Pack



Keeps cassettes clean. See-thru plastic door lets you identify titles at a glance.
44-611 . . . . . **Pkg. 3/1.19**

8-Track Head Cleaner

1.99

For home or car. "Play" for 10 seconds—removes oxide from heads, restores volume. Cordless.
44-1161 . . . **1.99**

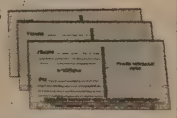
Cassette Head Cleaner

1.69

Removes oxide deposits. Insert for 10 seconds after each 10 hours of equipment use. Cordless.
44-1160 . . . . . **1.69**

Plastic Cassette Mailers

69¢
3-Pack



Mail cassette "letters." Durable plastic box. Conforms to 1st class postal regulations. With mailing labels.
44-608 . . . . . **Pkg. 3/69¢**

Economy Cassette Mailers

79¢
6-Pack

For "voice letters." Heavy-duty cardboard. Conforms to 1st class postal regulations. With mailing labels.
44-632 . . . . . **Pkg. 6/79¢**

Cassette Insert Labels

Pkg. of 20 **1.19**

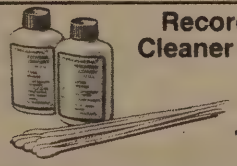
Replace old labels for writing down new recordings. Labels fit standard tape boxes.
44-623 . . . . . **Pkg. 20/1.19**

Index Labels

99¢
Each

Cassette. Pkg. of 20. Color-coded. **44-621.**
8-Track. Pkg. of 20. Color-coded. **44-622.**

Recorder Cleaner Kit



1.59

1¼-oz. bottles of cleaner and guide lubricant, plus 10 swab sticks. **44-217** **1.59**

Cleaning Cloths

1.39
Pkg. of 4

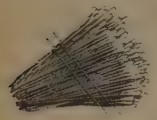
Chemically treated to gently clean tapes, equipment, or polish dust covers.
44-1088 . . . . . **Pkg. 4/1.39**

8-Track Dust Covers

89¢
Pkg. of 10

Protect your cartridges. Instantly snap on, snap off. Sturdy plastic.
44-206 . . . . . **Pkg. 10/89¢**

Head Cleaning Sticks



1.19
Pkg. of 100

6" wood sticks with cotton tips for cleaning in hard-to-reach places.
44-1093 . . . . . **Pkg. 100/1.19**

Head Cleaner Spray

Easy to Use **1.99** 3 oz.

Extension nozzle reaches anywhere to "spray away" grime, oxide build-up.
44-1011 . . . . . **1.99**

"Non-Slip" Solvent

99¢

Stops slippage. For idler wheels, pulley belts, cords. Fast drying. 2 oz.
44-1013 . . . . . **99¢**

Recorder Cleaner

99¢

Thoroughly cleans heads, guides, rollers, all metal parts. 2 oz.
44-1010 . . . . . **99¢**

Tape Head Lubricant

99¢

Minimizes wear and removes oxide deposits. Ideal for recorders and players.
44-1009 . . . . . **99¢**

Realistic® is Music to Your Ears — At Low Prices

Value-Priced Nova-40

24.95

- *30-18,000 Hz*
- *10′ Coiled Cord*

Feature-packed at a budget price! 3½″ drivers deliver full-range sound from deep bass to soaring highs. Cushioned earcups with padded, adjustable headband for listening comfort. **33-993** **24.95**

Nova-16 Built-In Controls

19.95

- *50-15,000 Hz*
- *Glide-Path® Controls*

They're comfortable and lightweight for hours of listening pleasure, and you can easily adjust the left and right volume levels and balance as desired. Adjustable foam-padded headband and air-cushion earpads. **33-1019** **19.95**

Nova-10 – Stereo On a Budget

14.95

- *Wide Frequency Response*
- *High-Efficiency Design*
- *10′ Cord*

Discover private stereo listening with our lowest priced headphones! The 2″ speakers provide good bass response, and the adjustable vinyl headband and cushioned earpads give a natural, airtight fit for comfort. **33-1012** **14.95**

Nova-Fone® Earphone

6.99

- *Comfortable*
- *Wide Response*

It sounds like a speaker because it *is* a speaker! Since it completely covers the ear, you get superior sound. ⅛″ plug fits most portables. 8 ohms. **33-1036** **6.99**

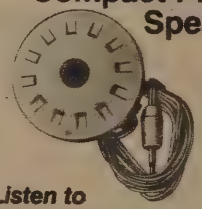
Deluxe Pillow Speaker

4.99

Volume Control

Slip it under your pillow for "private" listening. ⅛″ mini plug fits most clock radios and portables. **33-207** **4.99**

Compact Pillow Speaker



2.99

Listen to Music While You Rest

Listen without bothering others. Precision speaker with ⅛″ mini plug that fits most clock radios and portables. **33-206** . . . **2.99**

Stereo/Mono DUōFONE®

10.95

- *Stereo/Mono Switch*
- *Dynamic Elements*

Lightweight design with comfortable foam earpads and built-in switch allows operation from any ¼″ headphone jack. 8 ohms.
33-196 . . . . . **10.95**

Headphone Accessories & Earphones Add Convenience to Radios, TVs, Stereos

Coiled 24′ Extension Cord

7.99

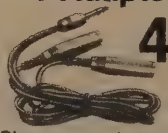
Lets you move about freely anywhere in the room without cord tangling. Heavy-duty cable with ¼″ plug and jack. **42-2443** **7.99**

20′ Headphone Extension

5.69

You can easily listen anywhere in the room. Non-coiled flexible cable with ¼″ plug and jack.
42-2442 . . . . . **5.69**

Headphone Y-Adapter



4.99

Share your stereo listening enjoyment. Lets you connect two headphones to a single ¼″ phone jack.
42-2448 . . . . . **4.99**

Earphones

1.49

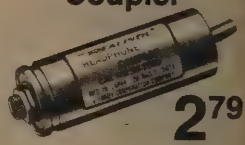
Fits most portable radios and recorders.
3/32″ Plug.
33-174 . . . . . **1.49**
⅛″ Plug.
33-175 . . . . . **1.49**

20′ Earphone Extension

1.99

⅛″ mini jack and plug fits most transistor radios, TV sets, recorders.
33-176 . . . . . **1.99**

Headphone Coupler



2.79

Lets you enjoy stereo headset listening with equipment having no headphone jack — attaches to speaker terminals. **33-1009** **2.79**

RETAIL PRICES SHOWN IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Discover Stereo Headphone Hi-Fi Realism

PRO-IIA—Our Finest Hi-Fi Headphones

49.95

- *10-22,000 Hz*
- *Low Distortion*

You'll get superb stereo listening because they feature special Mylar diaphragm drivers for a response that's a full two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches so you hear the highest highs and lowest lows with sparkling clarity. The rugged 1" voice coils are virtually burnout-proof. Air-filled earcushions and heavily-padded, adjustable headband for extra comfort. 10' coiled cord. **33-996** **49.95**

"Hi-Velocity" Vented LV-10

- *20-20,000 Hz Response*
- *Weigh Less Than 10 Oz.*

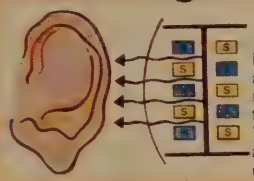
41.95

Perfect for listening to today's music. The unique electro-acoustical design and 2" dynamic elements can deliver all the punch of a "live" rock concert. The back of the earpieces are vented to deepen bass without raising resonance or inhibiting response. Distortion is less than 0.5%! Low silhouette styling with vinyl-covered headband and self-adjusting yokes for extra comfort. 10' lightweight coiled cord. **33-1004** **41.95**

PRO-30 with Planar Drivers –Ultra-Lightweight Comfort

39.95

- *20-20,000 Hz Response*
- *Uniform Phase Design*
- *Rare Earth Magnets*



Uncolored Sound!

Low-mass diaphragm and planar design for uniform phase and fast transient response—You hear the music exactly as it is, without coloration!

Try them on for great stereo! The low-mass planar drivers have excellent transient response for "open," "clean" sounding highs. Adjustable, soft-cushioned earpieces quickly detach from the plastic headband for compact storage. 10' lightweight coiled cord. **33-995** **39.95**

PRO-20—Great Sound at a Popular Price

31.95

- *20-16,000 Hz*
- *Superior Bass*

These stylish headphones are a real value and deliver a full frequency response, with special 2½" "low-angle" drivers for outstanding bass. Constructed with a "snap fit" headband assembly and soft foam-filled vinyl earcushions contoured to the ear for comfort. 10' coiled cord. **33-1008** **31.95**

Nova-PRO with Dual Volume Controls

36.95

- *20-20,000 Hz*
- *Vinyl Diaphragm Drivers*

Now you can have great stereo sound at your fingertips! Dual controls let you adjust volume and balance just the way you like it—without leaving your chair. Rugged drivers handle loud volume levels easily. Padded, adjustable headband and foam-filled earcushions. 10' coiled cord. **33-1014** . . **36.95**

ALL REALISTIC HEADPHONES INCLUDE ¼" PLUG AND ARE DESIGNED FOR LOW IMPEDANCE USE

Top of the Line! Stereo Hi-Fi System With Dolby* NR On Tape and FM

12 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.8% total harmonic distortion

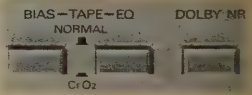
499.95 With Hinged Dust Cover

Tapes not included

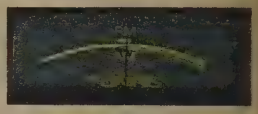
Component-Type Hi-Fi Features!

Illuminated Dual VU Meters for Recording

Dolby NR, Tape EQ and Bias Selectors



Magnetic Cartridge with Diamond Stylus



AM/FM Tuning Meter

Realistic Clarinette®-110. Play and record cassette tapes, listen to AM and FM-stereo or enjoy your favorite records! Dolby noise reduction system reduces "hiss" and extends range on Dolby FM broadcasts and tapes. Two-speed belt-drive automatic record changer features damped cueing and anti-skate. Pushbuttons for mono/stereo, high filter, loudness, FM muting, A/B speaker switching plus bias and equalization selectors for best sound from any type of cassette. Tape pause, counter and Auto-Stop, damped cassette door. Mike and headphone jacks. 9¼x22¾x16." 3-way speakers are 24x10x14," and have 8" woofers, 5" midranges, 3 tweeters, and bass port. Walnut vinyl veneer. U.L. listed.

13-1205 . . . . . **499.95** **45-RPM Automatic Spindle. 42-3000** **1.79**

AMPLIFIER. Response: (aux) 20-20,000 Hz ±2 dB. **Signal-to-Noise Ratio:** 60 dB (phono): 70 dB (aux). **FM TUNER. Sensitivity (IHF):** 2.5 microvolts. **Capture Ratio:** 2 dB. **Alternate Channel Selectivity:** 45 dB. **Stereo Separation:** 35 dB at 1 kHz. **THD:** 0.8% mono. 1.0% stereo. **Signal-to-Noise Ratio:** 60 dB. **TAPE. Frequency Response:** 40-13,000 Hz with CrO_2. **Signal-to-Noise Ratio:** 55 dB with Dolby. **Wow and Flutter:** 0.1% WRMS.

*TM Dolby Laboratories

Cassette Record/Play System with AM/FM Stereo Phono

- *Two 6" Full-Range Speakers*
- *Tape Pause Control • Auto-Stop*
- *Separate Bass and Treble Controls*

219.95 Includes Dust Cover

Realistic Clarinette-91. Record your own cassettes from the radio or changer, and save! Three-speed changer plays any size disc, has a diamond/sapphire stylus and a cue/pause lever. Tape counter. Tuner features lighted dial with stereo indicator and AFC on FM. Stereo headphone and mike jacks. Built-in antennas, input for external 300-ohm FM antenna. Walnut vinyl veneer cabinetry. 5⅝x20⅝x17¼." Speakers, 15¾x10x4¾." U.L. listed.

13-1200 . . . . . **219.95**

45-RPM Automatic Spindle. 42-3000 . . . . . **1.79**

Big-System Features in Record/Play Stereo Compacts

AM/FM Stereo Cassette System Sounds as Good as It Looks

With 22" High 2-Way Speakers

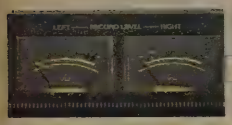
279.95

- *Record Your Own Tapes for Home or Car*
- *Auto-Stop In Record Mode • AFC on FM*
- *Slide-Action Volume, Balance, Bass, Treble*

Realistic Clarinette-105. Record your own cassettes off-the-air, from the changer or aux input, or use the mike jacks. Recorder has pushbutton rewind, fast-forward, play, stop/eject and pause controls, damped cassette door and digital tape counter. Three-speed changer with diamond/sapphire stylus. Loudness control for rich bass even at low listening levels, switch for 2 or 4-speaker listening, headphone jack, built-in antennas and input for external 300-ohm FM antenna. Edge-lit tuning dial. Walnut grained vinyl veneer cabinetry. Includes hinged dust cover. 10x23x16". Speakers, 22x12x6½". U.L. listed. **13-1207** . . . **279.95**
45-RPM Automatic Spindle. 42-3000 . . . . . **1.79**

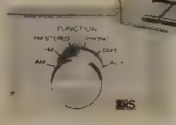
NEW FOR '81

Includes These Great Features



Illuminated Dual VU Meters for Recording

Loudness and 2/4-Speaker Pushbuttons



Aux input lets you add another tape player, cassette, or TV sound.

Tapes not included

With Hinged Dust Cover

MasterCard and Visa honored at most stores

With Dust Cover

8-Track Record/Play System with AM/FM Stereo Phono

199.95

- *Auto-Level Sets Recording Volume for You*
- *3-Speed Record Changer • AFC on FM*
- *Tone and Balance Controls for Better Sound*
- *Includes Two 6" Full-Range Speakers*

Realistic Clarinette-92. Loaded with features, at a bargain price! Changer plays any size record and features a diamond-stylus cartridge. Player/recorder is fully automatic with Auto-Stop and end-of-tape indicator light. Receiver has lighted dial with stereo indicator. With headphone jack, built-in antennas, input for external FM antenna. Walnut grained vinyl veneer cabinetry. 17½x8½x15¾". Speakers, 15½x10⅛x4¾". U.L. listed. **13-1201** **199.95**
45-RPM Automatic Spindle. 42-3000 . . . . . **1.79**

AM/FM Stereo Phono Entertainment Systems with Built-In Cassette and 8-Track Record/Play Decks!

Tapes not included

Our Most Versatile System

379.95 ***Records 8-Tracks and Cassettes Independently or Simultaneously from Phono, Radio or Aux***

Realistic Clarinette®-103. So versatile you can even make cassette copies of 8-tracks and vice versa. Three-speed record changer features cue/pause and dust cover. Cassette deck has digital tape counter and pause, 8-track deck has pause and Auto-Stop. Separate controls for bass, treble, AFC, loudness, 4-speaker listening, detented volume. Edge-lit dial. External FM antenna terminals, mike and headphone jacks, remote-speaker jacks. 22¾x16¾x10". Walnut grained vinyl veneer. Matching 22x13x6" speakers, each with 8" woofer, 3" tweeter. U.L. listed.

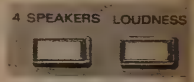
13-1209 . . . . . **379.95**

45-RPM Automatic Spindle. 42-3000 . . . . . **1.79**

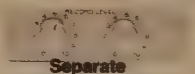
Loaded With Features!

VU Meters

AM/FM Tuning Meter



Pushbuttons for Remote Speakers and Loudness



Separate Recording Levels

Pushbutton Function Controls

Cassette/8-Track System On a Budget—Record Stereo Tapes for Home and Car

- ***Automatic Recording Level***
- ***Bass and Treble Controls***
- ***Remote-Speaker Jacks***

299.95 NEW FOR '81

Realistic Clarinette-102. Play or record tapes from phono or radio—even make 8-track copies of cassettes and cassette copies of 8-tracks! Cassette has digital counter, 8-track has Auto-Stop. Three-speed changer with Auto-Shutoff. Tuner has lighted dial. Mike and headphone jacks. 22¾x14⅞x9½" walnut grained veneer cabinet with dust cover. Matching 22x12x6½" speaker systems, each with 8" woofer and 3" tweeter. U.L. listed.

13-1208 . . . . . **299.95**

45-RPM Automatic Spindle. 42-3000 . . . . . **1.79**

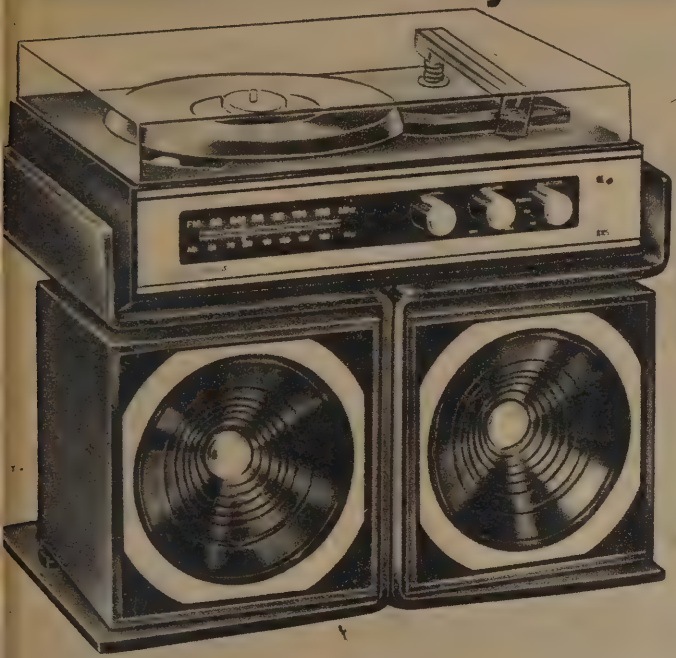
Features:

AM/FM Tuning Meter

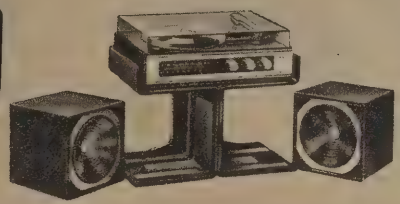
Front-Load Cassette Deck

MASTERCARD AND VISA HONORED AT MOST STORES

Realistic® Phono Systems Are Ideal for the Younger Set



Twin-Speaker AM/FM Radio With Manual-Play Stereo Phono



- *Two-Speed Record Player*
- *Speakers Separate Up to 12 Feet*
- *Includes Removable Dust Cover*

NEW FOR '81

89.95

Perfect Where Space Is Limited!

Clarinette-14. Unique, space-saving design. Pedestal holds phono/tuner with speakers *or* record collection. Manual record player features ceramic cartridge with sapphire-stylus and built-in 45-RPM adapter. With slide-rule tuning dial. 6¼x13x10". Wide-range 4" speakers in 6¾x6⅝x6⅝" enclosures. U.L. listed. **13-1161** **89.95**

Pedestal Stereo Phono System

- *Speakers Separate Up to 18'*
- *Removable Dust Cover*

69.95

Clarinette-12. Great stereo and practical, too. Multi-purpose pedestal holds phono and speakers where space is tight, or you can use it as a record holder. Two-speed manual record player has sapphire-stylus cartridge and built-in 45-RPM adapter. Stereo headphone jack. 6¼x13x10". With removable dust cover. Wide-range 4" speakers in molded 7x6½x6½" enclosures. U.L. listed. **13-1162** **69.95**

Ideal for Any Kid's Room

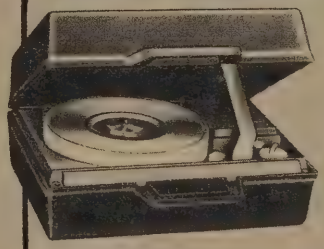
Compact Stereo Phono With 3-Speed Mini-Changer

79.95

- *Matching Speakers Separate Up to 18'*
- *Removable Dust Cover*
- *Separate Volume, Tone and Balance Controls*

Clarinette-20. Big sound, modern styling, low price. Ceramic phono cartridge with diamond/sapphire styli, stereo headphone jack, rugged molded enclosures. 7¾x16x11¼". Speakers, 13x7⅜x5". U.L. listed.
13-1166 . . . . . **79.95**
45-RPM Automatic Spindle. 42-2999 . . . . . **1.79**

Manual Record Player for Kids



the JEANS look

24.95

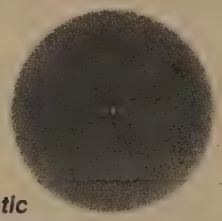
- *Safe and Simple to Use*
- *Plays LPs and 45s*

Built to a child's taste. Tone arm has sapphire stylus. Rotary on/off volume control, top-mounted speaker. Folds up into one-piece scuff-resistant molded case. 4¾x11½x8¼". U.L. listed. **13-1115** **24.95**

Record Cleaners and Accessories for Better Sound

Carbon/Foam Turntable Mat

5.19



- *Anti-Static*
- *Anti-Resonant*

Disc-O-Mat cuts audible "crackle and pop," reduces dust attraction on records.
42-362 ..... **5.19**

Hydro-Stor Cylinder

4.95

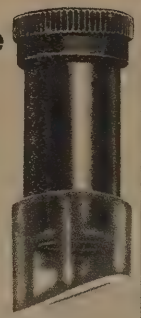
With Fluid

Velvet-covered cleaner protects your discs and stylus for noise-free listening. 4¼x1⅛" dia.
42-101 ..... **4.95**

Stylus "Micro" Scope

1.99

NEW FOR '81

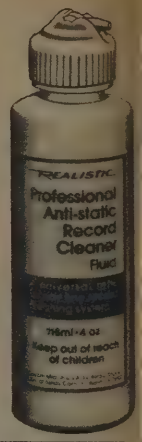


Shows When It's Time for Replacement

Protect your investment. Pocket-sized, lets you examine your stylus for uneven wear that ruins records.
42-2756 ..... **1.99**

Cleaning Fluid

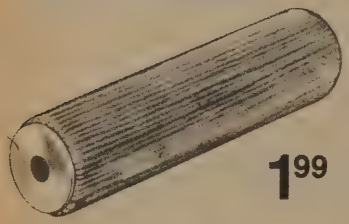
1.79



Controlled-Flow Tip

Anti-static fluid cleans records and styli. Can be used with all fine record cleaners. 4-oz. bottle.
42-105 .... **1.79**

Low-Cost Record Cleaner

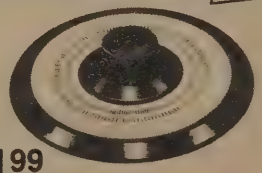


1.99

Cleans all records and styli to protect and prolong life. Fits easily in hand. **42-135** **1.99**

Record Clamp Stabilizer

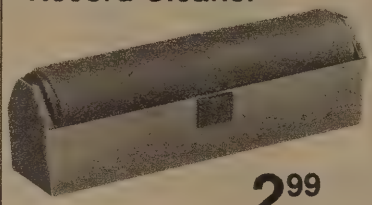
NEW FOR '81



4.99

Helps flatten warped records. Eliminates vibration. Deluxe Strobe Disc checks turntable speed. **42-111** **4.99**

Wet Or Dry Record Cleaner



2.99

Velvet-covered ionizer/cleaner removes dust and dirt, fights static.
42-130 ..... **2.99**

Replacemen Head She

4.99 *Low Mass*

Fits most tonearms. With leads, cartridge mounting hardware.
42-2752 ..... **4.9**

Record Sleeves

2.19 Pack of 10

Vinyl lined. Fit all LPs.
42-132 ..... **2.19**

Deluxe Stylus Force Gauge

Easy to Use

2.09

Balances tonearm for proper force.
42-137 ..... **2.09**

Record Rack

3.29 *Holds 40 LPs*

Organize and protect all your records.
42-136 ..... **3.29**

LP Cleaner Spray

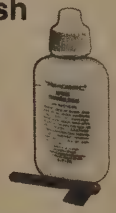
1.19

With Cloth

Spray away record noise and wear.
42-2500 ..... **1.19**

Stylus Cleaner & Brush

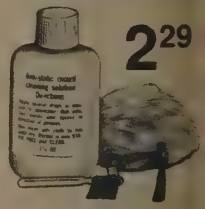
1.49



Removes harmful particles from stylus. 1¼ oz.
42-1074 ..... **1.49**

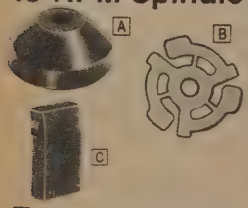
Recor Cleaning Ki

2.29



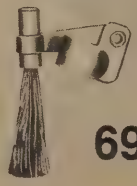
Special cleaning fluid applicator, and brush
42-1085 ..... **2.2**

45-RPM Spindle



A **Manual.** Fits over standard spindle. **42-120** ..... **39¢**
B **Inserts.** Snap into 45-RPM discs. **42-103** ... **Pkg. 40/99¢**
C **Automatic.** For Modulaire, all BSR mini-changers.
42-2999 ..... **1.79**

Clip-On Disc Brush



69¢

Clean your records as you play them. Fits easily onto tonearm.
42-1073 ..... **69¢**

Brush/Arm Lift

89¢

Cleans as record plays, also provides fingertip arm lift.
42-1072 ..... **89¢**

Strobe Disc

For All 4 Speeds

59¢

For checking your turntable speed accuracy in RPM.
42-268 ..... **59¢**

Enduro Clean Pad

98¢

Keep your records clean for longer life. Just wet and wipe dirt away. **42-121** .... **98¢**

Foam Phono Cushions

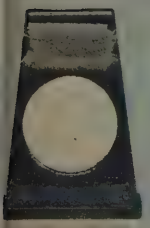
10" and 12"

Low As **89¢**

Anti-resonant, supports record.
10" **42-360** ..... **89¢**
12" **42-361** **1.2**

Get Higher Fidelity from Clean Dust-Free Records

Professional Stylus Brush



8.95

With Liquid

Restores full fidelity by eliminating distortion-causing dirt. Precision-located mirror for closeup stylus tip inspection.
42-100 . . . . . **8.95**

Hydro-Stor Record Care System

9.95 *Protects Records*

With Liquid

Vapor penetrates velvet-surfaced cleaner, creating a field of humidity that reduces static charges. Cleans easily, no residue buildup. **42-102** **9.95**

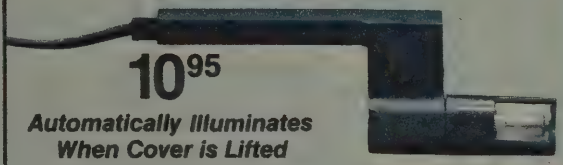
Carbon Fiber Brush

9.95

Adds Years of Life to Records

Clean your records with a sweep of over one million static-cutting fibers! **42-110** **9.95**

Turntable Lamp



10.95

Automatically Illuminates When Cover is Lifted

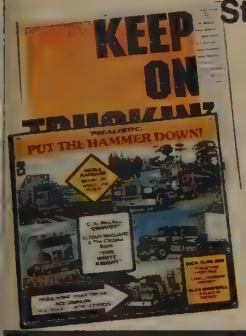
Reduces the chance of accidental damage to your tone-arm, cartridge or discs. Easily attaches to dustcover. U.L. listed AC operation. **42-2754** **10.95**

Electrostat™-9 Static Eliminator

14.95

Neutralizes static charges that attract harmful microparticles of dust and dirt on the surfaces of records. Just aim and squeeze lever. **42-109** **14.95**

Stereo LP Truckin' Music



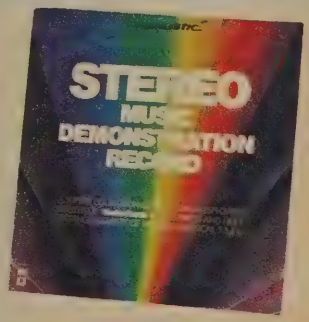
Keep On Truckin' "Me and Ole CB," Dave Dudley; "Wolf Creek Pass," C.W. McCall; "Truck Drivin' Man," Glen Campbell; "Trucker and the UFO," Bush Arbor; 6 others.
50-6003 . . . . . **3.69**

Put The Hammer Down! "Convoy," C.W. McCall; "The White Knight," Cledus Maggard; "Movin' On," and "White Line Fever," Merle Haggard; more. **50-6001** **3.69**

Stereo Demo LP or Cassette

Low As **3.69**

Show off your hi-fi system! A dazzling array of music encompassing the full audio spectrum: deep bass, resounding drums, thrilling brass—everything to test your system. Music for every taste—pop, jazz, classics—11 selections in all. **LP. 50-1006** **3.69**
Cassette. 51-1106 . . . . . **3.89**



Radio Shack's Pulsating Psycho-Lites® Will Turn Your Next Party Into a Disco!

Wireless 3-Color Light Show

34.95

Sound sensors turn music into flashing colors. Just plug into AC. Walnut vinyl. U.L. listed.
42-3012 . . . . . **34.95**

Wide-Angle Strobe

Adds "Disco Fever" **29.95**

Adjustable rapid-fire bursts of light seemingly "stop" motion. Walnut vinyl. U.L. listed.
42-3009 . . . . . **29.95**

Wild-Action Flickering Psycho-Bulb

NEW FOR '81

4.99

Turns gatherings into an "action" scene. Carbon filament bulb fits any standard socket. U.L. listed. **42-3014** **4.99**

Revolving Disco Globe

NEW FOR '81

9.95 *Great for Dances and Parties*

Projects a moving spectrum of exciting rays of color. Have your own disco party at home! Decorative chromed base. U.L. listed.
42-3016 . . . . . **9.95**

Reflective Psycho-Lite Lamp

NEW FOR '81

9.95 *For Psycho Lite Bulb Above*

Insert Psycho-Lite (above) into this mirror-basined lamp for a high-energy effect. U.L. listed. Bulb not included.
42-3017 . . . . . **9.95**

Upgrade With Realistic/Shure Diamond/Magnetic Stereo Cartridges

Advance Into the Future with the Realistic/Shure RXT4

Our best in every way! Its dynamic stabilizer with viscous damping assures outstanding performance, even on warped records, with any turntable capable of tracking at 1½ grams or less. Telescoped stylus for unmatched trackability at an ultra-light ¾-1½ grams—even on the new super-discs. Lowest distortion elliptical stylus (5x18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush.
42-2773 ..... **49.95**

Hi-Value Hi-Fi! Realistic/Shure R25EDT

Elliptical diamond stylus for lower distortion (10x18 microns). High fidelity 20-20,000 Hz frequency response. Tracks at 2-4 grams.
42-2767 ..... **19.95**

Wide Dynamic Range! Realistic/Shure R47EDT

Features of R25EDT, plus high trackability down to 1½ grams for lower wear. 20 dB channel separation for superb stereo. Tracks at 1½-3 grams.
42-2761 ..... **27.95**

Ultra-Light Tracking! Realistic/Shure R1000EDT

Smooth 20-20,000 Hz response for high-definition music. Tracks at only ¾-1½ grams. 5x18 micron stylus tip.
42-2769 ..... **39.95**

RS3T Stylus. Replaces R25, Shure M71, M75-ECS series. **42-2768** **12.95**

RS5T Stylus. Replaces R47, Shure M70, M75 series. **42-2762** **15.95**

RS8T Stylus. Replaces R1000, Shure M90, M75 T-2 series. **42-2770** **27.95**

RS9E Stylus. For R9000, Shure M95 series. ¾-1½ g.
42-2651 29.95

How Old Is Your Stylus?
A New One Will Protect Your Valuable Records!

RS6E Stylus. For R27, Shure M73/75E series. ¾-1½ g.
42-2764 . 19.95

Low-Cost Cartridge! Realistic/ADC QLM30 MK III

Diamond conical stylus with 20-18,000 Hz, ±3 dB response. Channel separation: 18 dB at 1 kHz. Tracks 3-5 grams. With easy-mount adapter. **42-2772** **12.95**

Popular Replacement Styli—All Diamond

RSK8C
42-2771
9.95
Replaces QLM30 and ADC K Series, Conical

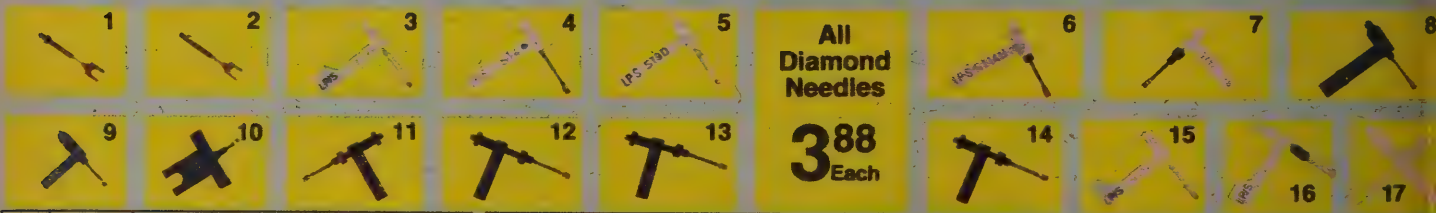
RS50E
42-2759
19.95
Elliptical. For ADC QLM34, MK III, P32, K5E

DAT-2
42-2484
10.95
For Pickering V15/AT-2, V15/AT-1, V15/ATM. Almost all KLH, Scott and similar systems

DATE-4
42-2485
18.95
Elliptical. For Pickering V15/AC, V15/AT, ATE, AM, ATE-4, P/AC, P/AT, P/ATE, most Fisher and Garrard premounts

Replacement Styli

Renew or upgrade your present stylus—*don't let a worn stylus damage your records!* All styli are shadowgraphed for uniform quality and response, so you're sure of getting only the best from a Realistic stylus!



All Diamond Needles
3.88 Each

Fig.	Cat. No.	Model	Cartridge or Stylus No.
ASTATIC			
1	42-2813	R-3	314, 420, 422, 424, 426
2	42-2817	RS-25	70, 74, 76, 80, 86 Stereo
3	42-2804	RS-67	140, 142 Stereo
BSR			
4	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
5	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
6	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
7	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21
ELECTRO-VOICE			
8	42-2890	RS-109	168, 198, 199, 275, 277

Fig.	Cat. No.	Model	Cartridge or Stylus No.
GENERAL ELECTRIC			
9	42-2896	RS-70	C-500, C-650
10	42-2899	RS-161	C-660
TETRAD			
11	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T50HD
12	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD

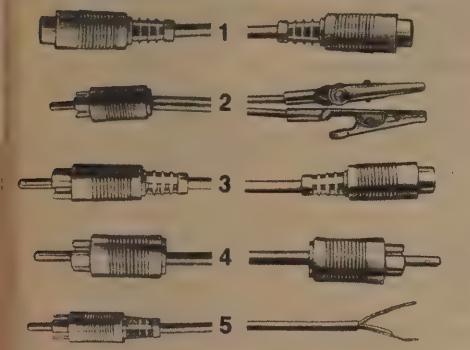
Sapphire Kiddie Needles
1.99 Pkg. of 2 **42-2750**

Fig.	Cat. No.	Model	Cartridge or Stylus No.
TETRAD			
13	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T20MD
14	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0, C-1, C-2, C-3, T3MD, T30MD
VARCO			
15	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
16	42-2839	RS-141	TN4A, TN4B
ASTATIC			
17	42-2900 **NEW!**	RS-120	N-50, N-51, N-56, N-58, N-60, N-62, N-63, N-68, N-70, N-72, N-76

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

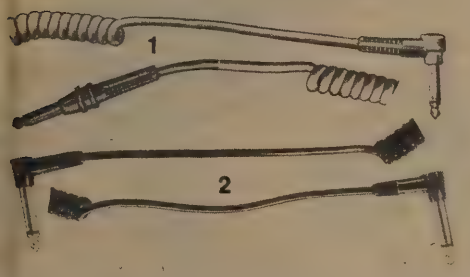
Wide Choice of Audio Cables, Connectors and Adapters

Phono Plug Cable Assemblies



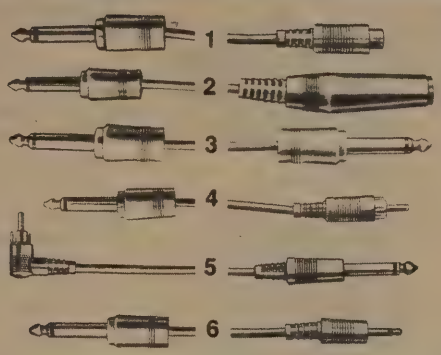
Cat. No.	Fig.	Description	In.	Each
42-2358	1	Phono Jack to Phono Jack	72	2.49
42-2359	2	Phono Plug to Alligator Clips	144	3.09
42-2361	3	Phono Plug to Phono Jack	36	2.29
42-2362	3	Phono Plug to Phono Jack	72	2.39
42-2363	3	Phono Plug to Phono Jack	144	3.19
42-2365	4	Phono Plug to Phono Plug	18	1.79
42-2366	4	Phono Plug to Phono Plug	36	1.89
42-2367	4	Phono Plug to Phono Plug	72	2.19
42-2368	4	Phono Plug to Phono Plug	144	3.09
42-2370	5	Phono Plug to Stripped Tinned Ends	36	1.69
42-2371	5	Phono Plug to Stripped Tinned Ends	72	1.89
42-2372	5	Phono Plug to Stripped Tinned Ends	144	2.19

Coiled Guitar Cords



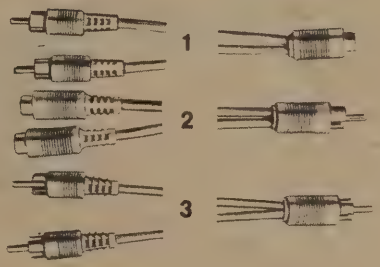
Cat. No.	Fig.	Description	In.	Each
42-2473	1	Coiled; 3' Extends to 15' 90° Phone Plug to Phone Plug	180	6.99
42-978	2	Coiled; 90° Phone Plug	144	4.99

¼" Phone Plug Cable Assemblies



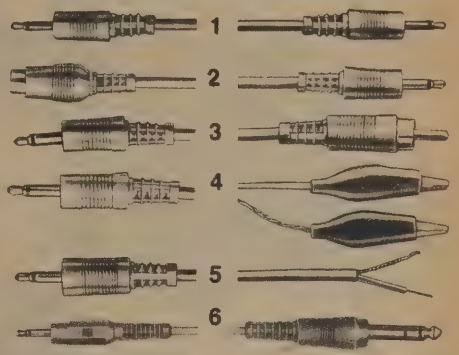
Cat. No.	Fig.	Description	In.	Each
42-2377	1	Phone Plug to Phono Jack	72	2.89
42-2378	2	Phone Plug to Inline Phone Jack	144	4.19
42-2381	3	Phone Plug to Phone Plug	72	3.29
42-2373	4	Phono Plug to Phone Plug	72	3.19
42-2440	5	90° Phono to Phone Plug	72	2.89
42-2433	6	Mini Phone Plug to Phone Plug	72	2.89

Phono Plug/Phono Jack "Y" Adapters



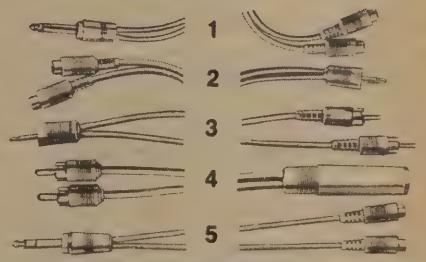
Cat. No.	Fig.	Description	Each
42-2435	1	Y-Adapter: 2 Phono Plugs Connected to 1 Phono Jack. 4" Shielded Cable	2.59
42-2436	2	Y-Adapter; Phono Plug Connected to 2 Phono Jacks. 3" Shielded Cable	2.59
42-2438	3	Y-Adapter; 3 Phono Plugs Connected to 4" Shielded Cable	1.99

Mini-Plug Cable Assemblies



Cat. No.	Fig.	Description	In.	Each
42-2420	1	Mini Phone Plug to Mini Phone Plug	72	2.29
42-2472	2	Mini Phone Plug to Mini Phone Jack	72	3.19
42-2444	3	Mini Phone Plug to Phono Plug	72	1.99
42-2421	4	Mini Phone Plug to Alligator Clips	72	2.29
42-2434	5	Mini Phone Plug to Stripped Ends	72	2.29
42-2157	6	Mini Phone Plug to Stereo Phone Plug	72	2.89

Assorted "Y" Adapters



Cat. No.	Fig.	Description	Each
42-2153	1	Flexible Y-Adapter; 2 Phono Plugs Connected to ⅛" Mini Plug. 9" Long	1.89
42-2154	2	Flexible Y-Adapter; 2 Phono Jacks Connected to Mini Phone Plug. 9" Long	1.99
42-2150	3	Flexible Y-Adapter; 2 Phono Jacks Connected to ¼" Plug. 5¾" Long	2.29
42-2471	4	Y-Adapter; 3-Conductor (Stereo) Phone Jack to 2 Phono Plugs	3.59
42-2477	5	Y-Adapter; 3-Conductor (Stereo) Phone Plug to Phono Jacks	2.59

Shielded Patch Cords

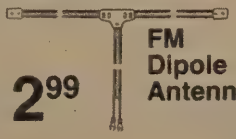
Cat No	Description	In.	Each
42-2351	2 Straight Phono Plugs at Each End	36	3.39
42-2352	2 Straight Phono Plugs at Each End	72	4.69

DIN Patch Cord

5.49

6-foot shielded cable with 5-pin DIN male connectors on each end. **42-2151** **5.49**

FM Dipole Antenna



2.99

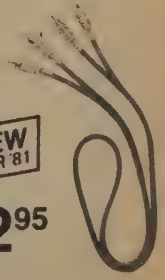
Far better than "built-ins"! "Quick-Connect" lugs attach to terminals for easy hookup. 300 ohms.
42-2385 ..... **2.99**

25' Microphone Cable

4.99

Heavy-duty, low-loss microphone extension, ¼" phone plug/inline ¼" phone jack.
42-2379 ..... **4.99**

Gold-Plated Patch Cords



NEW FOR '81

12.95

MF-200 Maximum Fidelity. Low-capacitance phono plugs for maximum conductance and fidelity. With strain reliefs. 39" long. **42-2601** **12.95**

4 Color-Coded Cables

3.99

Shielded for positive protection and low signal loss. Phono plugs. 36" long.
42-2309 ..... **3.99**

Patch Cord

3.29

Attenuating patch cord. Each end terminates in ⅛" mini plug.
42-2152 ..... **3.29**

Stereo Y-Adapter

5.89

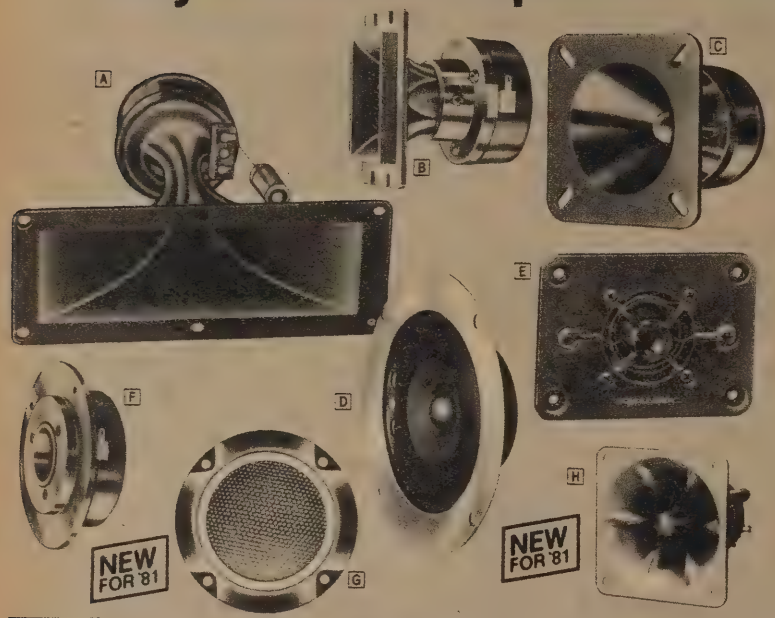
Record from a headphone jack. 6' cord with ¼" phone plug on one end. 2 phono plugs on other.
42-2474 ..... **5.89**

Microphone Adapter

3.99

Mono mike adapter allows use of single mike into both channels of stereo tape recorder.
42-2156 ..... **3.99**

Buy Realistic® Speakers for High Quality Sound



Tweeters for Extended Treble

Dynamic Tweeters. Designed to deliver impressive highs and superior stereo imaging that add greater listening enjoyment to your present system or to custom built systems. Choose from a variety for every application. Figures A through F are dynamic tweeters. 8 ohms impedance.

Piezo Tweeters. Ideal for high performance systems. They use a solid state driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing." Piezo tweeters are virtually burnout-proof and do not require a crossover.

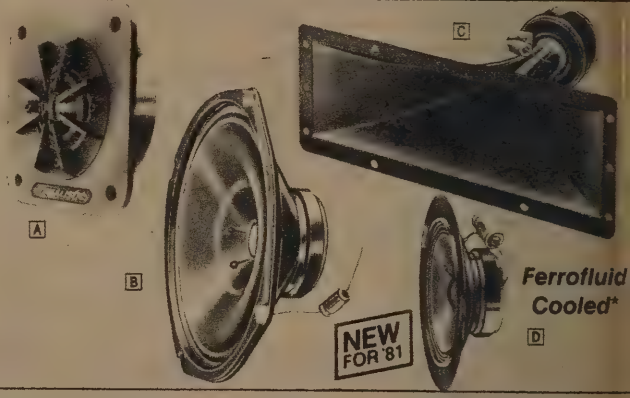
Fig.	Description	Power Nom Max (watts)	Resonance (Hz)	Effective Freq Range	SPL (dB) IW 1M	Magnet Oz.	Recommended Crossover (Hz)	Cat. No	Price
A	Horn	12 30	1500	5-17 kHz	96	2 75	5000	40-1228	12 95
B	Heavy-Duty Horn	20 40	1500	8-18 kHz	91	3 7	8000	40-1277	9 49
C	Radial Horn	20 50	2500	6-16 kHz	98	2 75	6000	40-1278	8 49
D	Cone	20 50	1700	5-20 kHz	91	2 04	5000	40-1270	5 95
E	Soft Dome	30 50	1000	5-20 kHz	90	4 9	5000	40-1283	10 95
F	Mylar Dome	20 40	800	6-20 kHz	87	6 6	6000	40-1276	10 95
G	Piezo w Dome	40 75		4-20 kHz	91			40-1382	8 95
H	Piezo Super Horn	30 75		5-25 kHz	95			40-1381	12 95

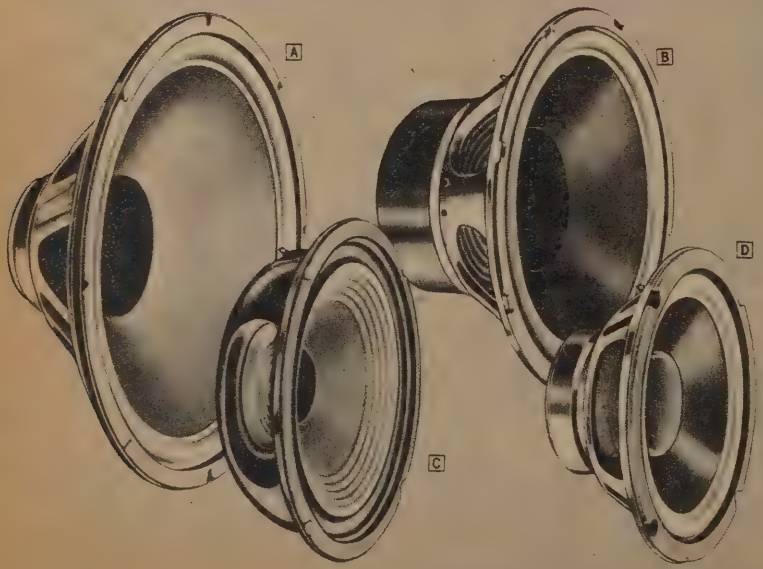
Midrange Speakers Add "Live" Presence

Engineered to give you clean, smooth response in the critical vocal range. Adds dramatic realism to your present system. Recommended for natural, seamless transition between woofer and tweeter. 8 ohms impedance.

Fig	Description	Power Nom Max (watts)	Resonance (Hz)	Effective Freq Range	SPL (dB) IW 1M	Magnet Oz.	Recommended Crossover	Cat No	Price
A	Soft Dome	35 70	600	1 5-10 kHz	86	10 8	2-9 kHz	40-1281	17 95
B	6-Inch	15	720	1.5-8 kHz	91 5	3.0	1 5-7 kHz	40-1005	10 95
C	Upper Midrange Horn	12 30	1500	4 3-18 kHz	—98	2 75	4.3-10 kHz	40-1279	19 95
D	4-Inch	20 50	550	1.5-11 kHz	92	2.77	1 5-10 kHz	40-1282	9 95

*Magnetic fluid injected into the gap between the voice coil and the magnet structure. Acts as a heat sink to improve the power handling characteristics of the speaker.





Powerful, Foam-Surround Woofers For Deep, Well-Defined Bass

An Excellent Way to Start Building Your Custom Speaker System or Update Your Present System

Choose From 15", 12", 10" or 8" Sizes

All Realistic woofers provide clean and gutsy bass response down to where sound becomes a physical sensation. Foam-surrounded for high compliance. Ceramic magnets. High temperature voice coils for reliability. Rigid frame construction insures proper alignment, longlife service. Mounting gaskets included. Easy hookup coded terminals. 8 ohms impedance.

Fig	Description	Power Nom Max (watts)	Resonance	Effective Freq. Range	SPL (dB) IW 1M	Magnet Oz	Recommended Crossover	Cat No	Price
A	15-Inch	75	18 Hz	22-550 Hz	77.5	20 4	550 Hz	40-1008	39.95
B	12-Inch	50	14 Hz	22-550 Hz	77.5	16.0	500 Hz	40-1007	29 95
C	10-Inch	30	29 Hz	29-2500 Hz	92	9 4	1000 Hz	40-1331	24 95
D	8-Inch	50	34 Hz	90-3000 Hz	82	16.0	2500 Hz	40-1006	19 95

Custom Build Your Own Speaker System and Save

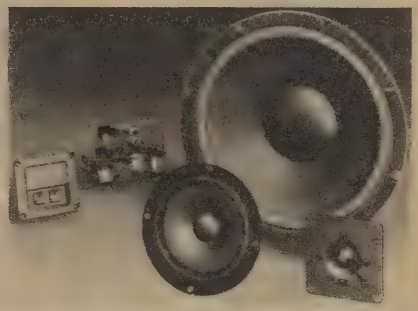
Includes Easy-to-Follow Instructions

High Performance 3-Way Speaker Kit

- *12" Long-Throw Woofer*
- *5¼" Ferrofluid Cooled Midrange*
- *1" Soft Dome Tweeter*

79.95

Available Oct. 15, 1980



Realistic SPK-1200. Enjoy superb sound at a fraction of the cost of pre-assembled systems. Radio Shack has done the designing for you. Includes proper crossover network terminal board, gaskets, hardware and complete enclosure construction plans. **40-3025** **79.95**

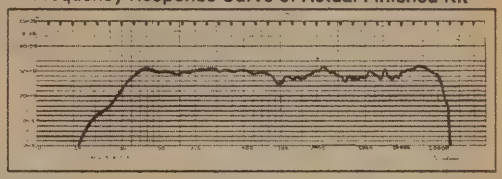
Enclosure not included

NEW FOR '81

A Properly Constructed Enclosure Will Produce the Following Characteristics. Frequency Response: 45-22,000 Hz. **System Resonance:** 60 Hz. **Program Power:** 80 watts. **Nominal Power:** 30 watts. **SPL (dB/1W/1M):** 90.

Specifications. WOOFER. Diameter: 12" **Free Air Resonance:** 25 Hz. **Magnet Weight:** 20-oz. **MIDRANGE. Type:** Cone, Ferrofluid cooled. **Diameter:** 5¼" **Magnet Weight:** 5.37-oz. **TWEETER. Type:** Soft Dome. **Diameter:** 1" **Magnet Weight:** 8.54-oz. **Crossover Frequencies:** 2000 Hz and 7000 Hz. **Impedance:** 8 ohms.

Frequency Response Curve of Actual Finished Kit



Realistic Multi-Purpose Speakers Deliver Full-Range Frequency Response

Wide choice of applications—great as extension speakers, as replacements, in custom built systems, ceiling installations, even use them in your car. These value-priced speakers deliver smooth response from deep, uncolored bass through the important midrange frequencies to crisp, clean highs. Ceramic magnets and high-temperature voice coils for reliability. Easy-hookup coded terminals. All have 8 ohms impedance.

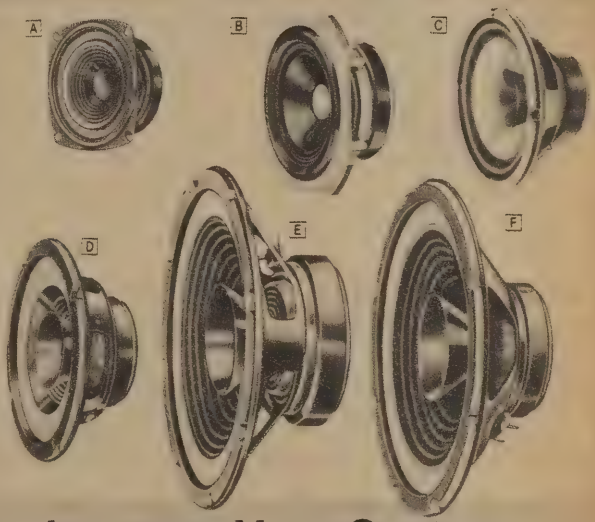


Fig.	Description	Power Nom Max (watts)	Resonance (Hz)	Effective Freq. Range (Hz)	SPL (dB) 1W 1M	Magnet Wt. (Oz)	Cat. No.	Price
A	4-Inch w Whizzer	3 10	80	80-15K	90	6.81	40-1197	10.95
B	5" Diecast Basket	10 25	75	75-15K	89	7.76	40-1311	17 95
C	5-Inch w Whizzer	7 20	90	90-15K	89	9.8	40-1284	9 95
D	6-Inch w Whizzer	7 20	55	55-12K	90	9.8	40-1285	12 95
E	8-Inch w Whizzer	35	55	55-16K	90	16.0	40-1341	22 95
F	8-Inch w Whizzer	30	57	57-16K	93	9.4	40-1286	17 95

Speaker Accessories to Complete or Improve Your System

Acoustic Insulation

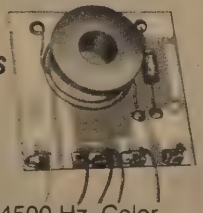
1.95

Fiberglass. For damping speaker enclosures. One square yard.
42-1082 . . . . . **1.95**

6 dB/Octave 2-Way Crossover

Handles Up to 60 Watts RMS

7.29



Crossover at 4500 Hz. Color-coded speaker leads. 4-8 ohms impedance.
40-1293 . . . . . **7.29**

6 dB/Octave 3-Way Crossover

Handles Up to 40 Watts RMS

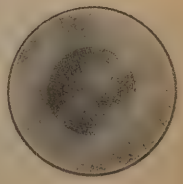
11.95

Crossovers at 1000 and 6000 Hz. 18" speaker leads. 4-8 ohms impedance.
40-1294 . . . . . **11.95**

8" Speaker Grille

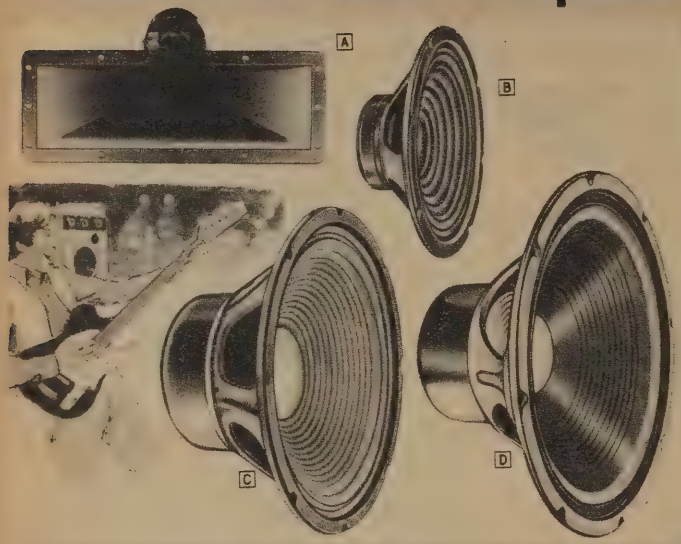
Brushed Aluminum

4.99



For mounting speaker in ceiling. With hardware.
40-1223 . . . . . **4.99**

Realistic® Multi-Purpose Speakers and Powerhorns



Musical Instrument Speakers —Up to 100 Watts RMS Capacity

Used by musicians everywhere! Realistic musical instrument speakers provide the on-stage power, sound and reliability expected by the "pro's." Heat-proofed to resist fracture and burn-out, reinforced at every stress point. Each comes with multi-strand flexible leads anchored to the cone and flange mounting holes for quick, easy mounting. All have 8 ohms impedance. Consult the chart below for the speaker that suits your specific needs!

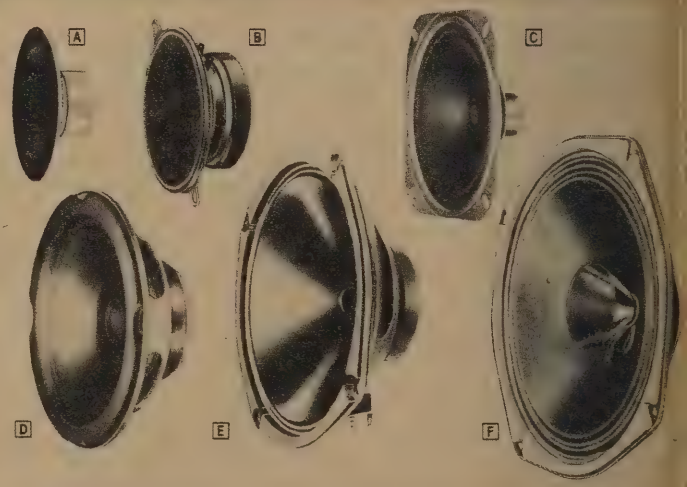
Fig.	Size	Power (Watts)	Free-Air Resonance	Freq. Resp. (Hz)	Magnet Wt. (Oz.)	SPL (dB)	Cat. No.	Each
A	Horn	30	1500 Hz	4300-18k	2.75	98	40-1279	19.95
B	8"	30	105 Hz	105-8k	9.40	93	40-1316	14.95
C	12"	50	67 Hz	67-3.5k	20.39	89	40-1314	29.95
D	15"	100	62 Hz	62-3k	34.25	91.5	40-1315	39.95

Replacement Speakers for Every Application—Ideal for Hi-Fi, Radios, PA, Car, More!

Ruggedly constructed for premium service in both auto and home applications. Equipped with flange mounting holes for quick 'n easy installation, and a rigid long-lasting metal basket for proper voice coil and magnet alignment. All feature ceramic magnets for great sound even from low powered equipment. 8 ohms. Check below—we're sure to have what you need!

Fig.	Size	Capacity (Watts)	Magnet Wt. (Oz.)	Cat. No.	Each
A	2"	0.5	0.35	40-245	2.49
A	2¼"	0.5	0.35	40-246	2.49
A	2½"	0.5	0.35	40-247	2.49
A	2¾"	0.5	0.35	40-262	2.49
A	3"	2.0	0.35	40-248	2.99
B	3½"	4.0	2.80	40-1333	5.99
C	4"	2.0	0.53	40-1203	4.95

Fig.	Size	Power Nom./Max (Watts)	Resonance	Freq. Resp. (Hz) ± 10 Hz	Magnet Wt. (Oz.)	SPL (dB) (1W/1M)	Cat. No.	Each
D	5"	2/5	140	140-10k	2.8	89	40-1240	5.79
D	5"	4/10	70	70-18k	5.3	91	40-1909	6.95
E	6"	2/5	90	90-12k	2.8	88	40-1242	6.49
F	8"	5/10	75	75-20k	2.77	88	40-1271	6.95
F	8"	4/10	90	90-20k	5.3	87	40-1272	7.95



4" Powerhorn®

12.95

Ideal for CB and PA extensions. Weatherized for indoor or outdoor use. 8 ohms. With mounting bracket. **40-1244** **12.95**

PA Powerhorns

5-Inch **17.95** *6½-Inch* **34.95**

All-metal, completely rust and shock resistant. Mounting bracket. 5 watts RMS, 8 ohms. **40-1236** **17.95**

Weatherized, high-impact construction. For most outdoor PA applications, music or voice. Mounting bracket. 15 watts RMS. 8 ohms. **40-1237** **34.95**

12" Powerhorn

44.95

All-weather, wide range—perfect for music, paging or PA applications, indoors or out! Mounting bracket. 25 watts RMS, 8 ohms. **40-1238** **44.95**

Indoor/Outdoor Speakers

19.95

7.99

Wide-range extension speakers with moisture-proof housing. Keyhole mounting. Rated 8 ohms. With hardware.

A **6½" Patio.** 7¼x8¼x3⅞". **40-1248** **19.95**

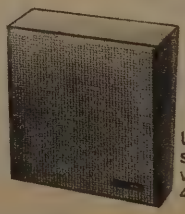
B **4" Portable.** 4¾x5¼x3". **40-1227** **7.99**

Wall Speaker

24.95 *For Background Music*

Full-range 6½" speaker, ideal for office, "rec" room, patio. Front volume control, walnut vinyl veneer. 8 ohms. 10¼x10½x4¾". **40-221** **24.95**

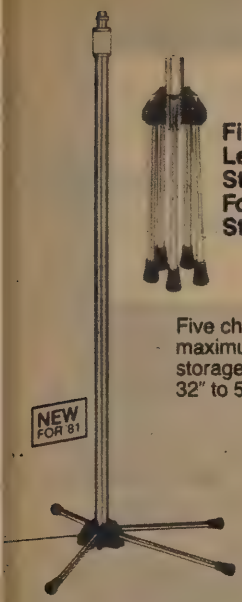
8" Speaker & Baffle



14.95 *With Volume Control*

Use with PA system or as space-saving extension! Walnut grained vinyl veneer. 8 ohms. 10¾x10¾x4¾". **40-219** **14.95**

Shop The Shack® for Best Buys in PA Equipment



Folding Mike Stand

Five Chromed Legs Provide Stable Base, Fold for Storage!

Ideal For Portable Use

19.95

Five chromed legs with protective rubber feet provide maximum stability, fold up for easy portability and storage. Positive action clutch adjusts instantly from 32" to 57". Std. ⅝"-27 thread. **33-325** **19.95**

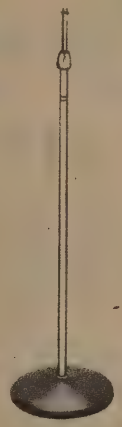
NEW FOR '81

Cast Base Mike Stand

16.95

- *Sleek Chrome Finish*
- *"Sure-Grip" Clutch*

Adjustable from 34 to 62", grip-action clutch locks and holds at desired height. Heavy low-profile cast-iron base has rubber feet for placement and use anywhere! Std. ⅝"-27 thread. **33-320** **16.95**



High-Power Portable Sound Column

NEW FOR '81

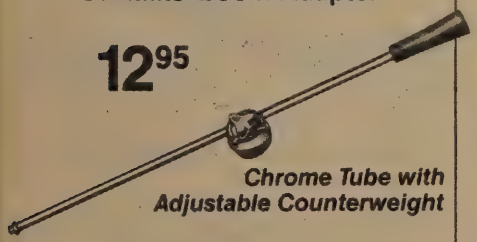
79.95 Each

- *75 Watts Power Handling*
- *Use for Voice or Music in Churches, Schools, Halls or Outdoors*
- *Two Heavy-Duty 8" Woofers*
- *Solid State Piezo Tweeter*

Realistic PA-88. Designed for "natural" sound reinforcement! The controlled 130° sound dispersion maximizes the coverage pattern and makes mike placement easier by minimizing feedback. Wide 95-18,000 Hz response, high efficiency design. Rugged black vinyl enclosure—with heavy-duty carrying handle and protective metal corners—is compact enough to carry in a car. Has ¼" jack, 2 push-terminals for easy hookup. 8 ohms. 30x10x6⅞". **40-1257** **79.95**

31" Mike Boom Adapter

12.95



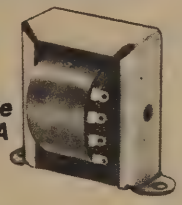
Chrome Tube with Adjustable Counterweight

Standard ⅝"-27 thread boom attaches to any floor stand. With one-piece universal swivel. **33-344** **12.95**

70V Line Transformer

4.99

For Multiple Speaker PA Systems



Minimizes line loss and impedance matching problems. Taps at 10, 5, 2.5, 1.25 and 0.62 watts. Accepts 4, 8, 16 ohm speakers. 4¾x5½x3". **32-1031** **4.99**

100' 2-Conductor Speaker Wire

11.95

Ideal for use with PA amplifiers. 16-gauge all-copper construction. Molded plastic insulation is polarity marked. **278-1384** . . . **11.95**

24' PA Speaker Cable

NEW FOR '81

4.59

Fits the PA-88 and most PA speakers. 18-gauge cable with ¼" phone plug, 2 coded spade lugs. **42-2453** **4.59**

⅝" Screw Flange

2.49

Die-Cast Construction

Perfect for attaching mike to desk or lectern. Standard ⅝"-27 thread. **33-332** **2.49**

Mike Stand Adapter

2.49

Takes mike from hand, quickly converts for use with any standard ⅝"-27 floor stand assembly. **33-371** **2.49**

13" Flexible Gooseneck

3.99

Allows you to position microphone in any direction. Standard ⅝"-27 thread. **33-330** **3.99**

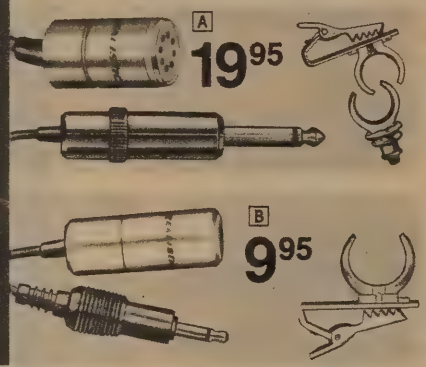
Padded Desk Stand

5.99

Cast base with 4" chromed tube. Standard ⅝"-27 thread. **33-370** . **5.99**

Radio Shack Low-Priced Multi-Purpose Microphones

Electret Tie-Pin Microphones



A **19.95**

B **9.95**

Professional Ultra-Mini Size

A All-directional pickup pattern lets you turn your head or move about, leaves hands free as you talk or perform. 600 ohms. 20-12,000 Hz response. 10′ cord with ¼″ phone plug. Includes battery, mini-plug adapter.
33-1056 . . . . . **19.95**

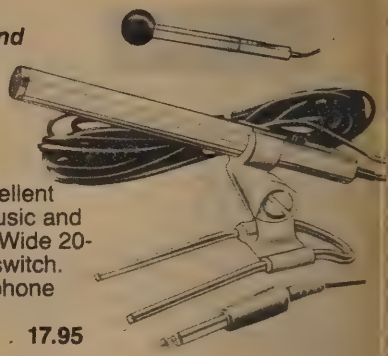
Low-Cost Tie Clip Mike

B Perfect for dictation, class notes or study notes. Clip to lapel and leave hands free for written notes, books. 600 ohms. 30-12,000 Hz response. 6′ cord with ⅛″ mini-plug. Includes battery.
33-1058 . . . . . **9.95**

Featherweight, Ultra-Slim Omni

- ***Includes Windscreen and Adjustable Stand***
- ***Weighs Only 2.8 Ounces***

17.95

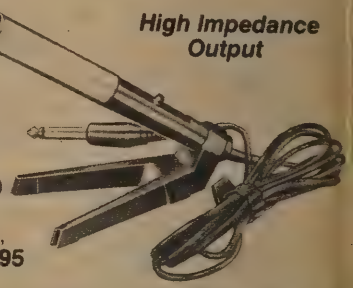


Electret element exhibits excellent sound characteristics with music and maximum clarity for speech. Wide 20-13,000 Hz response. On/off switch. 600 ohms. 9′ cable with ¼″ phone plug. Includes battery.
33-1050 . . . . . **17.95**

MC-1000 Dynamic Omni

High Impedance Output

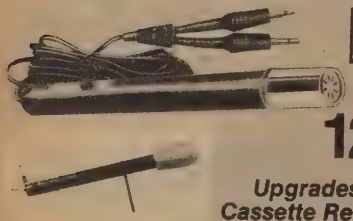
14.95



Pencil-thin and perfect for hand, stand or lavalier use. 150-10,000 Hz response. 10,000 ohms. 6′ cable, ¼″ phone plug, neck cord, and stand. **33-990** **14.95**

Complete Selection of Realistic Replacement Mikes

Electret Omni



NEW FOR '81

12.95

Upgrades Your Cassette Recordings

Mini-plug for audio and submini plug for remote on/off control. 20-13,000 Hz response. Includes stand, windscreen, and battery. **33-1060** **12.95**

Dynamic Omnidirectional

12.95

- ***Ideal for Cassette Recorders***
- ***100-11,000 Hz***

Mini plug for mike, submini for cassette remote control jacks. Convenient on/off switch. Low impedance. With cable, desk stand. **33-1040** **12.95**

Dynamic Omni

10.95

- ***Great for Cassette Recorders***
- ***Wide Response***

Mini and submini plugs for use with most Realistic "CTR" series and others. 1000 ohms. With cable, desk stand.
33-1039 . . . . . **10.95**

Universal Dynamic

Fits Almost Any Recorder

7.95

On/off switch. Mini plugs for audio, both long and short submini plugs for recorders with remote control jack. 200 ohms. 100-10,000 Hz response. With cord, slip-on desk stand. **33-1031** **7.95**

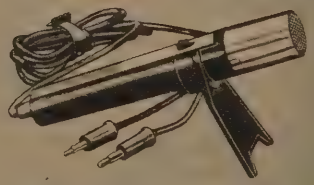
Low-Cost Dynamic

4.99

Replaces "Lost" Cassette Mikes

A dynamic at the price of a crystal mike! Mini plug for mike, submini for remote control jack. 200 ohms. Wide frequency response. With desk stand.
33-1054 . . . . . **4.99**

Pencil-Type Dynamic



6.99

Handy On/Off Switch

Easy to handle. 150-10,000 Hz response is ideal for voice or music cassette recordings. Mini plug for mike input, submini plug for remote control jack. With stand.
33-1034 . . . . . **6.99**

Quality Microphones for Recording and PA Use

Dual-Pattern Stereo Mike

39.95

Two electret condenser mikes in one! Switch selects "normal" or "wide" stereo image. 30-15,000 Hz response. Mesh windscreen cuts wind noise and protects elements. 10′ cord with two ¼″ plugs. Includes vinyl case and stand adapter. Requires "AA" battery.
33-919 . . . . . **39.95**

Here's why Realistic one-point stereo microphones make recording easier! Positioning is simplified because both mikes are in one housing. And stereo mikes require only one microphone stand.

"Studio-Quality" Stereo Mike

Available Nov. 30, 1980

59.95

Our finest! Unique "back-electret" condenser design. Each element uses a superthin (4-micron) diaphragm for excellent transient response, and both can be rotated for proper position in any recording set-up. Wide 20-20,000 Hz response, ±5 dB. Special matrix circuit maintains optimum channel separation. Low frequency contour switch for hand-held and "close-up" use. With vinyl case, 16′ cable, two ¼″ plugs, stand adapter. Requires "AA" battery. **33-1085** **59.95**

Highball Dynamic Mike

- *Perfect for PA and Hand-Held Vocal Use*
- *Tight Unidirectional Pickup Pattern*
- *High or Low Impedance*

47.95

Rugged, high-performance mike has wide 80-15,000 Hz response with emphasis on "presence" for clean, articulate, natural sound. Ball windscreen minimizes breath "pops" and rubber anti-shock ring withstands rough handling. Unidirectional pattern helps control unwanted sounds and feedback. On/off switch. High (10K) and low (600 ohm) impedances with balanced low Z capability. With XLR-type connector, 16′ heavy-duty cable, and stand adapter. **33-984** **47.95**

Cardioid Electret Condenser Mike

49.95

- *Ideal for Critical Recordings*
- *Music or Voice Settings*

Available Nov. 30, 1980

Get professional-sounding results from an affordable mike. Excellent 20-20,000 Hz ±4 dB response with superthin 4-micron diaphragm using a "back-electret" design. Low-frequency contour switch helps control "proximity effect" for vocals and close-up use. Balanced low-impedance output with XLR-type connector. Foam windscreen eliminates wind noise and breath "pop." Heavy-duty 16′ cable, vinyl case, and stand adapter. Requires "AA" battery. **33-1080** **49.95**

Highball-2 Dynamic Mike

- *Dual Impedance*
- *Omnidirectional*

19.95

Features rugged wire mesh windscreen, 250 or 50,000 ohms impedance, 90-11,000 Hz response. Built-in on/off switch. With 15′ cable, ¼″ phone plug, and stand adapter. **33-985** **19.95**

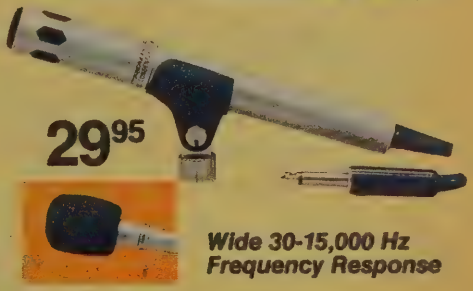
Super Cardioid Dynamic Microphone

- *Highly Directional*
- *Rejects Unwanted Off-Axis Sounds*

29.95

Ideal for voice/music sound reinforcement. Tight pattern helps prevent feedback. On/off switch. Reversible connector for 600 or 50,000 ohms impedance. 80-12,000 Hz response. With cable, screw-on connector, ¼″ phone plug, stand adapter. **33-992** **29.95**

Electret Condenser Mike



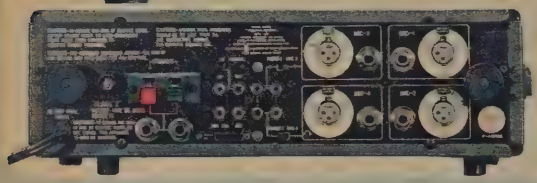
29.95

Wide 30-15,000 Hz Frequency Response

Cardioid pick-up pattern for quality recordings and PA applications. Slip-on windscreen for hand-held vocal use. 600 ohms. With 10′ cord, ¼″ phone plug, vinyl case, mike stand adapter. Requires "AA" battery. **33-1045** **29.95**

Realistic PA Amplifiers—Best Coverage You Can Buy

Available Sept. 30, 1980



- *¼" and XLR Connectors for Balanced Mikes*
- *Mix Bus Jack to Stack Extra Amps*
- *In/Out Jacks for EQ, Reverb*
- *Spring-Loaded Speaker Terminals*
- *Cord Storage Posts*

Professional 80-Watt Sound Reinforcement Amp

NEW FOR '81

199.95

Realistic® MPA-80. Eighty watts of pure power plus the portability you need in a professional PA system. Great for "live" bands, background music or discos. Individual slide-action controls for inputs. Four mike inputs accept high or low impedance mikes. High-level aux input. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector for listening to each individual input or the mixed output through headphones. Master volume control with memory ring to readjust to desired level. Lighted power meter and LED clipping indicator lets you monitor output levels to avoid "distorted" sound. Jacks with bypass switch for external signal processor such as equalizer, reverb or limiter. Overload protected. U.L. listed. **32-2026** **199.95**

Response: 30-20,000 Hz. **Power:** 80 watts RMS at 4 ohms. **Outputs:** mix bus, EQ in/out, push-to-connect speaker terminals, two ¼" speaker jacks, ¼" headphone jack. **Power Requirement:** 120VAC, 60 Hz, 200W. **Size:** 4⅜x14½x10½"

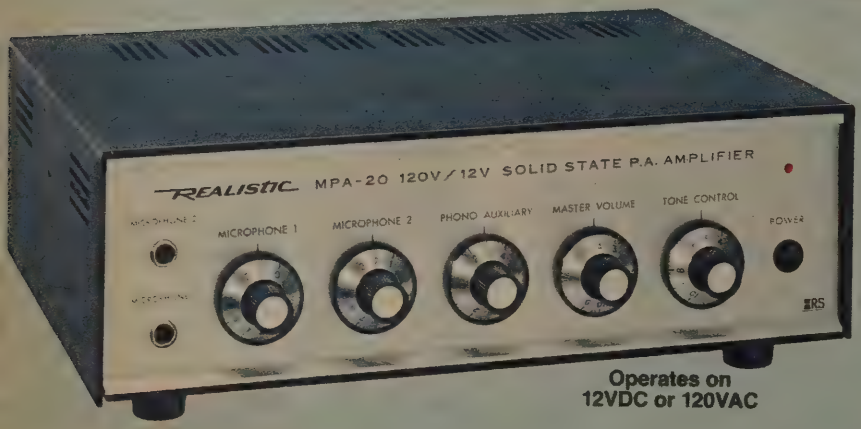
Full-Feature 35-Watt PA Amplifier with Priority Switch for Instant Paging

- *Built-In Preamp for Magnetic Phono Cartridges*
- *Constant-Voltage Output*

99.95

Realistic MPA-35. Ideal for paging and use in medium-size auditoriums and churches. Mixing inputs for Mike-1, Mike-2, and phono/aux. Master volume and tone controls. Priority switch for Mike-1 overrides all other inputs for instant paging. Pushbutton on-off switch lights up when power is "on." Metal case, simulated walnut grain finish. U.L. listed. **32-2022** **99.95**

Response: 150-12,000 Hz. **Power:** 35 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 25 and 70V line. **Power Requirement:** 120VAC, 60 Hz, 120W. **Size:** 4¼x11x8½"



Operates on 12VDC or 120VAC

20-Watt AC/Mobile PA Amplifier

79.95

- *Accepts High or Low-Impedance Microphones with ¼" Plug*
- *Hi-Level Input for Phono/Aux*

Realistic MPA-20. Use it anywhere! Features three mixing controls: 2 microphone and dual-function phono/aux. Master tone and volume controls help control feedback. Lighted power on/off switch. Metal case. Includes mobile mounting bracket.
32-2020 . . . . . **79.95**

Response: 200-10,000 Hz. **Power:** 20 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line. **Power Requirement:** 120V, 60 Hz, 40W/12VDC, 3.5A. **Size:** 4½x10½x7½"

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Indoor, Outdoor and Disco! Money-Saving PA Systems!

80-Watt 2-Mike Club System

Save $70.55

Reg. Separate Items 649.55 **579.00**

- *MPA-80 PA Amplifier*
- *Two Highball Unidirectional Mikes*
- *Two Mike Stands with Bases*
- *Four PA-88 Portable Column Speakers*

Deluxe 80-Watt 4-Column Disco System

Save $99.40

Reg. Separate Items 987.40

888.00

- *Realistic MPA-80 80-Watt Amplifier*
- *5-Band Graphic Frequency Equalizer*
- *Two LAB-270 Turntables with Magnetic Cartridges*
- *Highball Unidirectional Microphone*
- *Deluxe Folding Microphone Stand*
- *Chrome-Plated Boom Stand Adapter*
- *Nova-PRO Headphones for Signal Monitoring and Cueing*
- *Four PA-88 Portable Column Speakers with Two 8" Woofers, Tweeter*

80-Watt "Toastmaster's" Special

Save $45.75

Reg. Separate Items 424.75 **379.00**

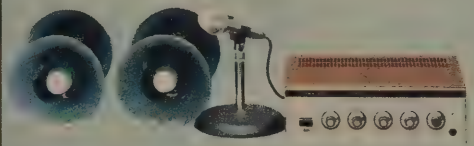
- *MPA-80 PA Amplifier*
- *Highball Unidirectional Mike*
- *Mike Stand with Base*
- *Two PA-88 Portable Column Speakers*

35-Watt Page/Announce System

Save $21.70 Reg. Separate Items 219.70 **198.00**

- MPA-35 PA Amplifier
- Highball-2 Mike
- Four Minimus-6 Wall Speakers

Athletic-Announcer's System



Save $26.69 Reg. Separate Items 275.69 **249.00**

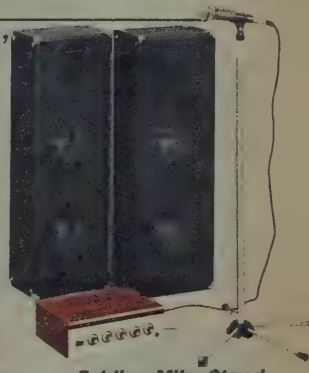
- *MPA-35 PA Amplifier*
- *Super-Cardioid Mike*
- *Desk Stand*
- *Four Powerhorn Speakers*

"Entertainers" Portable

Save $29.75

Reg. Separate Items 327.75

298.00



- *MPA-35 PA Amplifier*
- *Highball Unidirectional Mike*
- *Folding Mike Stand*
- *Two PA-88 Portable Column Speakers*

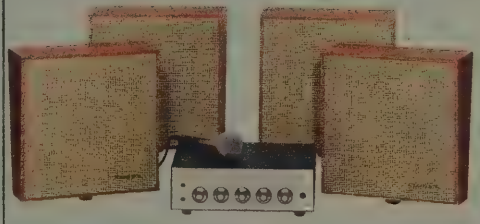
"On-the-Go" Mobile System

Save $10.80

Reg. Separate Items 120.80 **110.00**

- *MPA-20 AC/12VDC PA Amplifier*
- *MC-1000 Microphone*
- *Two 4" Powerhorn Speakers With Mounting Brackets*

Low-Cost Paging System

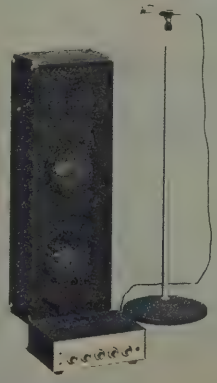


Save $14.70

Reg. Separate Items 159.70 **145.00**

- *MPA-20 PA Amplifier*
- *Highball-2 Mike*
- *Four 8" Wall Speakers*

The "Anywhere" System



Save $18.80

Reg. Separate Items 206.80

188.00

- *MPA-20 AC/12VDC PA Amplifier*
- *Super-Cardioid Mike*
- *Mike Stand with Base*
- *PA-88 Portable Column Speaker*

Save Time and Steps with a Home Intercom System

Wireless 3-Station 2-Channel FM System

- *FM and Auto-Squelch Cut Noise*
- *"Call-Tone" Station Signals*
- *Phase-Locked Loop for Clear On-Channel Communications*

129.95 Set of 3

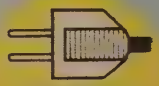
Our finest and most versatile SELECTaCOM.® Frequency modulation and automatic squelch reduce interference and background noises. Touch-sensitive electronic "talk" controls. Touch-talk plate has lock position for continuous talking or monitoring. Each station has volume control, A/B channel selector. Just plug in—and talk! 6½x5½x1¾." U.L. listed.
43-214 ..... **129.95**

FM Reduces Noise from

Dimmer Switches

Appliance Motors

Fluorescent Lights



Wireless Intercoms Offer:

- **Versatility! Move stations easily, add pairs as needed, continuous monitoring capability!**
- **Instant Use! Just plug into 120VAC and talk!**

Wireless 2-Station FM System

69.95 Pair

- *"Beep" Call Tone*
- *Adjustable Squelch*
- *Lighted Talk-Bar*

A real step-saver! Easy to use—just press the Talk-Bar to speak, and the Lock-Bar for hands-free talking or monitoring. FM and adjustable squelch combine to reduce "hash" and static. Talk-Bar doubles as a night light. Plug each station into any AC outlet—no unsightly connecting wires. 1¾x6¾x4¾." U.L. listed. **43-212** **69.95**

Battery Powered 2-Station System

For Desktop or Wall Mounting

14.95 Pair

Ideal for campers and motor homes. Remote can signal Master when system is "off." 4⅛x3 1/16x1¾." With 66' cable. Requires 9V battery.
43-221 ..... **14.95**

4-Stations, Battery-Powered

24.95 Set of 4

Master can select Remote #1, #2, #3 or standby—no other station can listen in. Master, 4⅞x4⅛x1¾." Remotes, 1⅛x3 1/16x1¾." With three 66' cables. Requires 9V battery. **43-216** **24.95**
AC Adapter. U.L. listed. **270-1551** . **9.95**

Wireless AM 2-Station Intercom System

34.95 Pair

Each Station Doubles As a Night Light

Each station has on-off/volume thumbwheel control. Lock-Key for continuous talking or monitoring. Call button "beeps" other station and illuminated Talk-Bar also serves as a nightlight. Add as many pairs as needed for a "whole-house" communications system—just plug into AC and talk. 5x5½x1⅝." U.L. listed. **43-209** **34.95**

Shop Radio Shack for Useful Sound Electronics

Stereo Disco Mixer Adds Life to Any Party

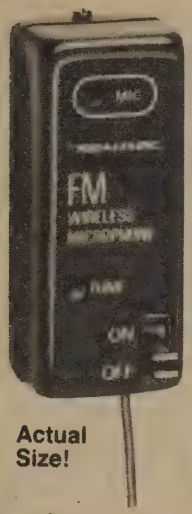
NEW FOR '81

79.95

"Cue" Function Allows Direct Monitoring of Turntable and Tape Inputs

Now you can mix or "seque" two turntables, a tape deck and a stereo mike just like disco and radio station DJ's. Blends music and narration for professional-sounding recordings, too! Five slide-action faders and dual VU meters for precise level control. Magnetic or ceramic phono jacks, headphone cue monitor jack. Frequency response: 20-20,000 Hz. 2¾x10½x7½." Requires 4 "AA" batteries or AC adapter.
32-1100 . . . . . **79.95**
AC Adapter. U.L. listed. **273-1454** **5.95**

Miniature FM Wireless Microphone



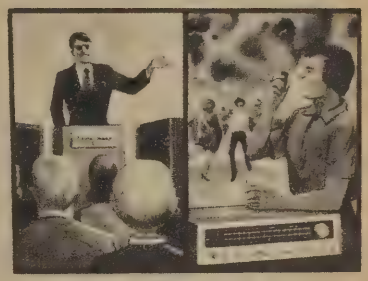
Actual Size!

Weighs Less Than One Ounce!

NEW FOR '81

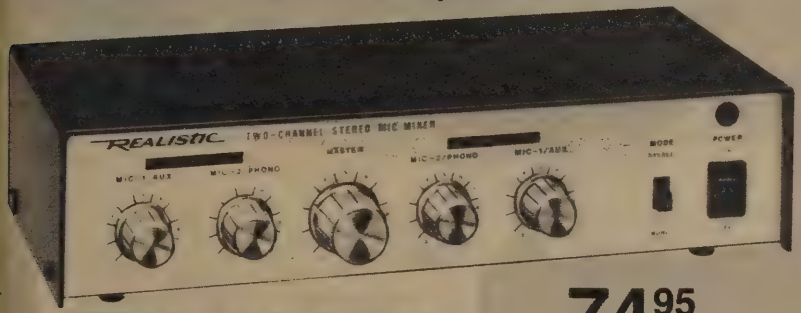
34.95

Great for Lectures, Stage, and Parties



A high-quality mike that transmits to any standard FM radio. Use in theatrical productions as a hidden mike or just for fun. Transmits up to 250 feet outdoors and up to 100 feet indoors. Tunable between 88-108 MHz. Built-in tie clip. On-off switch. 1¾x¾x⅝." With tuning tool, long-life battery, instructions. FCC type approved. **33-1075** **34.95**

Professional Stereo Microphone Mixer



Magnetic Phono Input

74.95

Blends up to 4 Mikes or Mixes Aux, Mike and Phono for Custom Recording PA Work

This four-input stereo mike mixer gives you professional control over a group's performance or recordings, easily and efficiently. Four independent controls give you precise blending of up to four mikes or a combination of mikes, mag. phono and aux. Accepts high or low impedance mikes with ¼" plug. Aux input connects to any high-level signal source. Master volume control adjusts overall level of both channels. Stereo Mono switch. Output level: 0.7V. Response. 20-20,000 Hz ±3 dB. Metal case. 2¾x11x5⅝." U.L. listed AC operation. **33-1057** **74.95**

Get Attention Fast with a Powerhorn® Hand-Held PA/Megaphone

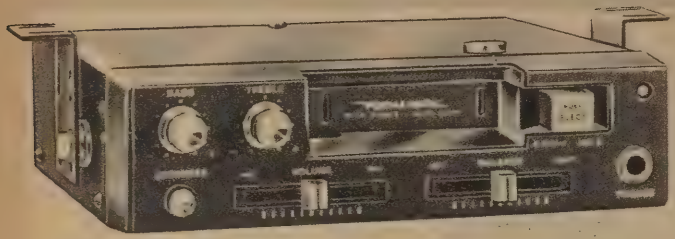
Projects Your Voice Up to 300 Feet

39.95

- ***Trigger-Type On/Off Switch***
- ***High-Output IC Circuit***

A completely portable PA system ideal for sporting events, picnics, rallies. Directs your voice where you want it for maximum intelligibility. Pistol grip handle with convenient thumbwheel volume control. Durable molded housing. Requires 8 "AA" batteries. **32-2025** **39.95**

Realistic Underdash Car Stereo is Easy to Install



High-Power Stereo Cassette Player

99.95

- *12 Watts Per Channel*
- *Automatic Cassette Eject*
- *Separate Bass, Treble Controls*

24-watt amplifier brings sensational "home-quality" music to your car. Wide dynamic range and ultra-low distortion—even at high volume! Pushbutton loudness improves bass at low volume. Locking fast-forward and rewind, slide-action volume and balance. Automatic eject in all modes with shut-off at end of tape, plus manual eject. ¼" stereo headphone jack and LED "on" indicator. 1¾x6⅞x7." **12-1809** **99.95**

Not for use with power boosters, equalizer/boosters or some speaker switches

Stereo Cassette with Auto-Search

NEW FOR '81

69.95 *Automatically Finds Musical Selections*

Realistic's new Automatic Search Music System senses the "silence" between musical selections during fast-forward and rewind. You can advance the tape to the start of the next selection—or replay a selection—with the touch of a button! Features Auto-Search selector and LED indicator, pushbutton fast-forward, rewind and eject. Sliding volume, tone and balance controls, end-of-tape Auto-Stop in play mode. 8-watt stereo amplifier. 1¾x6⅛x5⅘." **12-1805** **69.95**

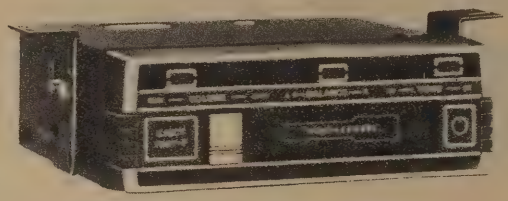
Stereo Cassette with Fully Automatic Eject

69.95

NEW FOR '81

Ejects at End of Tape in All Modes

Small but big-sounding player has locking fast-forward and rewind, manual eject button, and slide-action volume, balance and tone controls you can easily adjust while driving. Auto-Eject disengages cassette and turns player off at end of tape in rewind, fast-forward and play modes. LED "on" indicator. 8-watt stereo amplifier. 1⅘x5⅗x5¾." **12-1806** **69.95**



"Super-Mini" Stereo Cassette Player

59.95

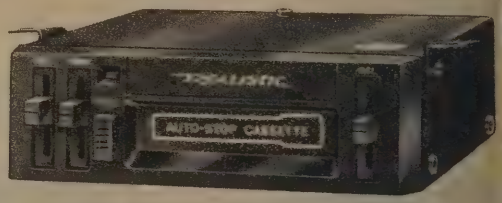
Our Smallest—Just 1 9/16x5 1/8x5 5/16"

Big sound that fits anywhere. Ideal for underdash mounting in sports cars and compacts—even in glovebox or console of many vehicles. Locking fast-forward control makes it easy to find desired selections. End-of-tape Auto-Stop with convenient LED indicator. Pushbutton eject. 8-watt stereo amplifier. **12-1803** **59.95**

Budget-Priced Stereo Cassette

49.95

NEW FOR '81



End-of-Tape Auto-Stop

Great stereo sound and compact styling at a low price! Slide-action volume, tone and balance controls are easy to adjust—no need to take your eyes off the road. Locking fast-forward/pushbutton eject control. Convenient end-of-tape Auto-Stop in play mode with indicator. Fits almost anywhere. 1⅜x5⅓x5¾." 8-watt stereo amplifier. **12-1804** **49.95**

NOTE: All players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All are for operation on 12VDC negative ground only.

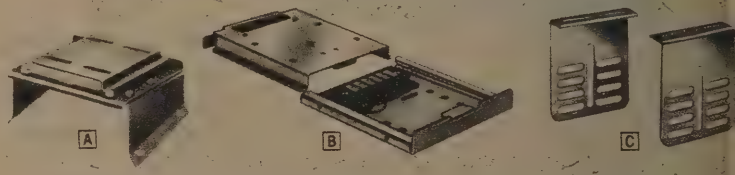
Bargain-Priced Stereo 8-Track Player

44.95

Great Sound & Sleek Chrome-Trim Styling

Highway stereo doesn't have to be high priced—Realistic proves it with this compact 8-track player. Convenient slide-action volume, balance and tone controls, pushbutton program change, and easy-to-see LED program indicators. 8-watt stereo amplifier. Just 2½x4¾x6⅞." Outstanding value! **12-1801** **44.95**

Mounting Brackets for Tape Players



A **Floor Mount.** Two-piece slide-on/slide-off mount with connectors that le you remove player instantly for safe-keeping. Color-coded leads for quick hookup. 18-gauge heavy-duty steel. **270-018** **8.95**

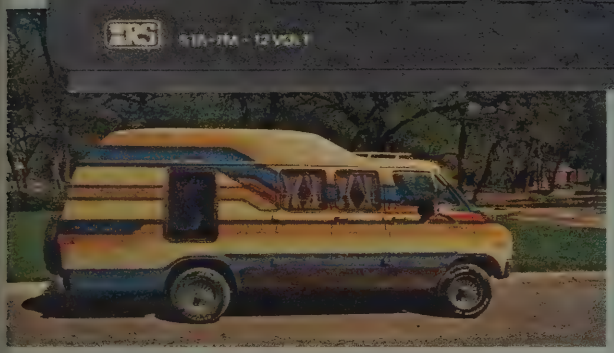
B **Underdash Mount.** Same features as floor mount but designed to fit under dash. **270-016** **8.95**

C **Universal L-Brackets.** Fit most vehicles and equipment. Mounting hardware included. **270-022** **Pair/2.49**

SEE PAGES 72 AND 73 FOR OUR COMPLETE SELECTION OF AUTOSOUND SPEAKERS

Realistic's "System-7" Stereo Receiver Goes Mobile!

A True Stereo System for Your Car, Boat, Motorhome, Van or Camper



At Last—A Full-Featured Receiver That Operates on 12 Volts DC!

NEW FOR '81

179.95

10 watts per channel, minimum RMS into 4 ohms from 20-20,000 Hz with no more than 1% total harmonic distortion

- ***Auto-Magic® Fine-Tunes and Locks in FM***
- ***Tape Player, Mag. Phono and Aux Inputs***

Realistic STA-7M. Our hot-selling "System-7" AM/FM stereo receiver—now equipped with a 12VDC power supply and circuitry that permits plug-in operation with mobile tape players! For FM stereo, Realistic's exclusive Auto-Magic® automatically fine-tunes and locks in stations for lowest distortion. Pushbutton loudness and presence controls, plus a true Baxandall bass control circuit make it easy to get accurate, wide-range sound from smaller mobile speakers. Features a lighted tuning dial, LED FM stereo indicator, precision-feel controls including center-detent balance, a stereo headphone jack, overload and thermal-protected amplifier. With bracket, mounting hardware, 12-ft. speaker cable and plug. The performance, styling and solid construction of the AC-powered "System-7"—and the same low Realistic price! **31-1978** **179.95**

Not for use with power boosters, equalizer/boosters or 3-wire (common ground) speaker wiring and switches.

Specifications

AMPLIFIER. Frequency Response (Aux Input at 1 watt): 15-30,000 Hz. ±2 dB. **Signal-to-Noise Ratio (IHF "A" Weight):** Mag. Phono, 75 dB; Aux. 90 dB. **Tone Control Action:** Bass, ±10 dB at 100 Hz; Treble, ±10 dB at 10,000 Hz. **Presence (1.5 kHz):** +6 dB, in. **FM TUNER. Sensitivity (IHF):** 2.8 μV (14.2 dBf). **Signal-to-Noise Ratio (1 mV):** 60 dB. **Total Harmonic Distortion:** Mono, 0.5%; Stereo, 0.6%. **Image Rejection:** 50 dB. **POWER REQUIREMENT:** 13.8VDC, neg. gnd. **SIZE:** 2⅝x9¾x9 13/16."

Save! Buy a Complete Mobile Hi-Fi System Featuring the STA-7M

MOBILE SYSTEM-7

Reg. Separate Items 294.80 **259.00**

- ***Realistic STA-7M Mobile Receiver***
- ***Two Minimus-7 Full-Range Speakers***
- ***Two Minimus-7 Mounting Brackets***

SYSTEM-7 WITH CASSETTE

Reg. Separate Items 359.75 **319.00**

- ***Realistic STA-7M Mobile Receiver***
- ***2 Minimus-7 Speakers and Brackets***
- ***Auto-Search Cassette Deck (#12-1805)***

SYSTEM-7 WITH TURNTABLE

Reg. Separate Items 534.70 **479.00**

- ***Realistic STA-7M Mobile Receiver***
- ***2 Minimus-7 Speakers and Brackets***
- ***LAB-270 Belt-Drive Turntable***
- ***Micronta® Power Inverter #22-130***

SEE PAGE 27 FOR DETAILS ON MINIMUS®-7 SPEAKERS AND MOUNTING BRACKETS

AM/FM Stereo Tape Players Mount In or Under Dash

Important

Do NOT use high-power players with power boosters, equalizer/boosters, common-ground speaker switches or common-ground (3-wire) speaker wiring.

High-Power AM/FM Stereo/8-Track**

- *24 Watts Total Output • Bass and Treble Controls*
- *Adjustable Shaft Spacing—Fits In-Dash of Most Cars*

Twelve watts per channel for greater dynamic range and "home-quality" sound! Has a stereo/mono button for best FM, loudness button for deep bass at low volume, FM stereo and tape program indicators, lighted radio dial in 8-track door. Shafts adjust 5⅛ to 6⁵⁄₁₆". Size: 2⅜x7x6¼". **12-1887** **179.95**

Your Choice

179.95

High-Power AM/FM Stereo/Cassette**

- *24 Watts Total Output • Bass and Treble Controls*
- *Adjustable Control Shafts • All-Mode Auto-Eject*

12-watt per channel amp for great sound. Locking fast-forward and rewind with automatic end-of-tape eject and shutoff for easy operation. Loudness and stereo/mono buttons, LED indicators, lighted radio dial, smooth electronic manual eject, too. Shafts adjust 5⅛ to 6⁵⁄₁₆". Size: 2⅜x7x6¼". **12-1886** **179.95**

AM/FM Stereo/Cassette With Auto-Reverse, Power Loading*

159.95

- *Automatically Reverses at End of Cassette and Plays the Other Side*
- *Motorized System Pulls in Cassette, Smoothly Lowers it to Play Position*

Deluxe player with auto-reverse gives you hours of uninterrupted cassette music, AM, and superb FM stereo through its low-distortion amplifier. 12 watts total output. Easy to use—motorized system loads cassettes, push-button changes tape direction instantly. You can find selections on either side of a cassette quickly, without ejecting. Cassette ejects automatically when ignition is shut off. Shafts adjust 5⅛ to 6⁵⁄₁₆". Size: 1¾x7⅛x5⅛". **12-1890** **159.95**

AM/FM Stereo/8-Track Player*

Included at No Extra Cost

Players on this page (except #12-1885) include both trim plates and nosepieces for a professional-looking fit, in or underdash.

Your Choice

99.95

- *8 Watts Total Output • Program & FM Stereo LEDs*
- *Shafts Adjust • Lighted Radio Dial in Tape Door*

Stereo/mono button for best FM reception, pushbutton radio/tape, AM/FM and tape program selectors. Rotary volume, tone, tuning and balance. With trim plate only and spacers. Shafts adjust 5⅛ to 6⁵⁄₁₆". Size: 2x7x4¾". **12-1885** **99.95**

AM/FM Stereo/Auto-Stop Cassette*

- *8 Watts Total Output • All-Mode Auto-Stop*
- *Locking Fast-Forward, Rewind • Lighted Radio Dial*

Single, easy-to-use control for locking fast-forward, rewind and eject. Player stops and red indicator lights up at end of tape in play, rewind, fast-forward modes. Shafts adjust 5⅛ to 6⁵⁄₁₆". Size: 1⅞x7³⁄₁₆x5⅛". **12-1884** **99.95**

IMPORTANT: All players include ample speaker cable, mounting hardware, instructions. All for 12VDC neg. gnd. only. *Will mount IN dash of nearly all domestic cars, mid or full size, any year. **Will mount IN dash of many domestic cars, mid or full size. Some dash modifications may be necessary. Visit a Radio Shack store for information on specific car models.

AM/FM Stereo Cassette Players with Extra Features

AM/FM Stereo/Cassette with LED Station Frequency and Time Display*

NEW FOR '81

- *14 Watts Total Output*
- *Auto-Eject • Adjustable Shafts*
- *Mounts In or Underdash*

179.95

Dynamite sound, easy operation, accurate quartz time—a great combination for your car! Has a mono/stereo button for best FM reception, locking fast-forward and rewind for finding tape selections quickly, even a button to dim the display for nighttime driving. Ejects cassettes automatically at end of tape in all modes, or when ignition is turned off. Shafts adjust 5⅛ to 6⁵⁄₁₆." Size: 7x1¾x5⅛." **12-1889** **179.95**

Built-In Clock! Displays Time When You Listen to Tapes, Displays Station Frequency When You Listen to the Radio!

Our Lowest-Priced In-Dash AM/FM Stereo/Cassette*

79.95

Mounts in Dash of Most U.S. and Foreign Cars

NEW FOR '81

- *Lighted Radio Dial in Cassette Door • Auto-Stop*
- *Stereo/Mono Switch for Best FM • Shafts Adjust*

Inserting a cassette starts this player and it stops automatically at end of tape. Pushbutton for locking fast-forward and eject. AM/FM switch. Rotary volume, tone, tuning, balance. 8 watts total output. Shafts adjust 5⅛ to 6⁵⁄₁₆." Size: 7x1¾x4⅝." **12-1880** **79.95**

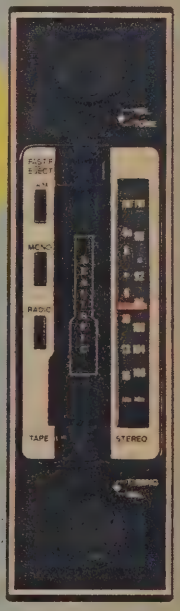
AM/FM Stereo/Cassette for Imports And GM X-Body Cars†

- *Lighted Radio Dial*
- *Play-Mode Auto-Stop*

NEW FOR '81

99.95

Everything's included for mounting vertically or horizontally in Citation, Omega, Skylark, Phoenix and almost all imports. See note below!



In-dash stereo at way below the cost of "factory-installed." Pushbutton locking fast-forward and eject, stereo/mono button for best FM, tape and FM stereo LED indicators. Auto-Stop at end of tape in play mode. 8 watts total output. Shafts adjust 4⅞ or 5⅛." Size: 2⅛x6⅜x4⅝." **12-1892** **99.95**

In-Dash Cassette Player with Pushbutton AM/FM Stereo Radio*

- *Auto-Stop • Lighted Radio Dial*
- *Fits in Dash of Most U.S. Cars*

129.95

Pushbutton convenience, in-dash security, great stereo! One control selects locking fast-forward, rewind and eject. Player stops and indicator lights at end of tape in all modes. Stereo/mono button for best FM. 8 watts total output. Shafts adjust 5⅛ to 6⁵⁄₁₆." Size: 7x2⅛x5⅓." **12-1891** **129.95**

NEW FOR '81

Pushbuttons for Instant Selection of 5 Stations

NOTE: †Will mount in dash of practically any imported or domestic subcompact car (exception: Honda CVCC). *See note, page 68. Some dash modifications may be required. Visit a Radio Shack store for information on specific vehicles.

40-Watt Booster/Equalizers – Improve Your Autosound

7 Bands, Fader Control

79.95 NEW FOR '81

10-Segment LED Power Indicators for Each Channel

Our best! Add it to your car stereo for dramatically improved dynamic range and tone. Only 1% total harmonic distortion at 30 watts—fills even a motorhome with superb stereo. Seven slide-action controls boost and cut 12 dB at 60, 150, 1000, 2400, 6000 and 15,000 Hz for complete tonal command. Front/rear fader, pushbutton on-off, LED "on" indicator. 2x5½x6." **12-1862** **79.95**

5 Bands, Fader Control

69.95 NEW FOR '81

Front/Rear Fader Balances 4-Speaker Systems

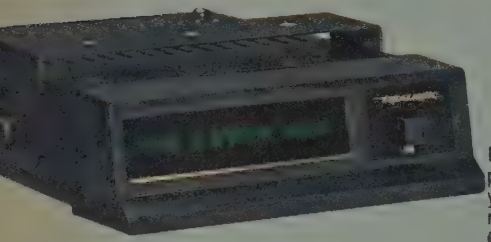
Multiplies the audio power of your present system for far more satisfying sound—adds dynamic range, easily overcomes road and wind noise. And you get 5 bands of ±12 dB slide-action control at 60, 250, 1000, 3500 and 12,000 Hz for sound just the way you like it. Only 1% total harmonic distortion at 30 watts. Pushbutton power on/off with LED "on" indicator. 2x5⅛x6." **12-1861** **69.95**

5 Bands, Low Price

49.95 NEW FOR '81

Ideal for Small Cars Where Only 2 Speakers Will Be Used

Get plenty of power plus the flexibility of 5 adjustable audio frequency bands! Boost or cut response as much as 12 dB at 60, 250, 1000, 3500 and 10,000 Hz to suit your personal taste, compensate for your car's acoustics. Low 1% total harmonic distortion at 30 watts. Pushbutton on/off, LED "on" indicator. 2x5¼x6." **12-1863** **49.95**



Budget-Priced Booster

NEW FOR '81 **27.95**

Ideal addition to any car's stereo system! Improves dynamic range and sound—hear your favorite music over engine and road noise. Only 1% THD at 30 watts. 1¼x4 1/16x6⅛." **12-1860** **27.95**

Important Facts About Boosters!

Realistic® boosters are rated in total watts RMS output, left and right channels combined. For best results, four 8-ohm speakers with the required power handling capacity are recommended. Four speakers (each rated 10 watts RMS or higher) *or* 2 speakers (each rated 20 watts or more) can be used. All operate from 12VDC, neg. gnd. only. IMPORTANT! CAUTION: Do not use with "common ground" (3-wire) speaker hookups or Realistic high-power car stereos 12-1809/1886/1887. All include hardware for underdash mounting and plug-in connection to your present stereo without rewiring.

Universal AM/FM Auto Radio

NEW FOR '81 **54.95**

Ideal for Truckers—Dual-Polarity Ground

Great performance at a fraction of the cost of a factory-installed radio! Pushbuttons for AM, FM and Hi/Lo tone, lighted dial, built-in oval speaker, jack for external speaker, IC audio output for clear sound, FM and AM RF stages for long-range reception. 1⅞x6¼x6⅝." With instructions, hardware for underdash mounting. 12VDC neg. or pos. gnd. **12-1351** **54.95**

In or Under-Dash AM Radio

NEW FOR '81

Built-In 4" Speaker **27.95**

What a value—priced about a third, or less, than "factory" AM radios! Fits in the dash of many cars and trucks—under dash of almost all. Hi/Lo tone switch, lighted dial. 1¾x5½x6⅝." For 12VDC neg. gnd. only. With mounting hardware. **12-1352** **27.95**

Compact FM Signal Booster

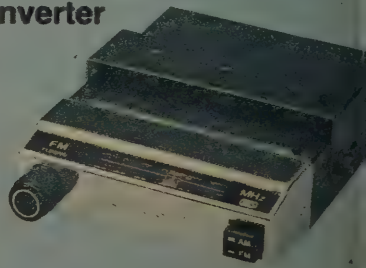
19.95

Improves FM & FM Stereo in Weak Signal Areas

Six dB amplification brings in additional stations more clearly on your existing FM radio! On/off pushbutton with "on" indicator light. Dual polarity—for 12VDC pos. or neg. gnd. Just 1x3½x2⅜." With under dash hardware and mounting instructions. Plug-in hookup, no rewiring! **12-1873** **19.95**

"Super Small" FM Converter

NEW FOR '81 **24.95**

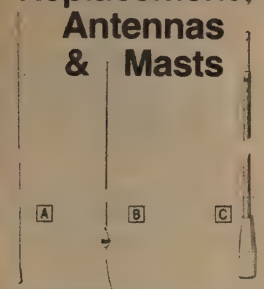


Add it to your AM radio and start enjoying FM, too. RF amplifier for high sensitivity. 1 3/16x4x5¼." Plug-in connections—no rewiring, uses your AM antenna. 12VDC neg. gnd. only. **12-1350** **24.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Come to The Shack® for Auto Radio Accessories

Replacement Antennas & Masts

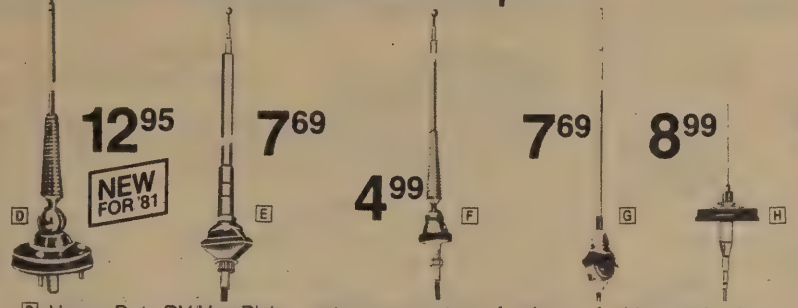


A **Mast.** Fits over "stub" of broken antenna. 31" long, stainless steel, ideal for FM stereo. With locking screws.
12-1316 . . . . . **4.99**

B **Antenna.** One-piece stainless steel, for top cowl or fender. 31" long, ideal for FM stereo. 48" cable included.
12-1329 . . . . . **8.99**

C **Mast.** Fits over "stub," 3 sections extend 22¾ to 53". Stainless steel, with 2 locking screws. **12-1309** **3.99**

Antennas for Better Reception



D Heavy-Duty RV/Van/Pickup antenna mounts on fender, roof, side panel—just about anywhere! Three-section stainless steel mast extends from 25" to 60", adjusts to any position. Chromed swivel base, tapered shock spring. With mounting screws and 84" lead in. **12-1319** **12.95**

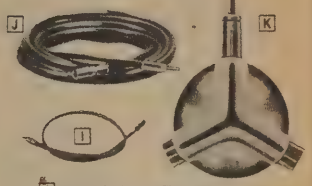
E Heavy-duty, 4-section mast extends from 16¾ to 57". Chrome plated brass. For top cowl or fender mount. 35° angle adjustment. Big base, 54" cable with plug included. **12-1302** **7.69**

F Universal "8 ball" top cowl or fender mount. 3 sections extend from 21¼ to 55". Stainless steel. Adjusts up to 35°. **12-1306** **4.99**

G Stainless steel spring, swivel ball mount for top cowl or fender. 3 sections extend from 25⅜ to 55". Adjusts a full 90°. With 48" low-loss cable. **12-1307** **7.69**

H For Ford Cars, 1967 and later, that use 4-screw hole mounting. One-piece stainless steel 31" long mast. With 72" cable. **12-1305** **8.99**

"Extra-Shielded" Cables & 3-Way Connector



I 24" Inline Extension. Male connector at one end, female at other.
12-1312 . . . . . **1.49**

24" Male/Male Extension Cable. **12-1314** **1.49**

J 12 ft. Inline Extension. Built-in capacitor.
12-1311 . . . . . **3.99**

K Universal 3-way connector connects 2 antennas to 1 radio input or 1 antenna to 2 radios.
12-1313 . . . . . **1.99**

Auto Lighter Plugs and 12VDC Outlets

A **12V Outlet.** Add to RV, van or boat for portable radios, TVs, accessories. Rated 15A. With hardware.
270-1537 . . . . . **3.99**

B **Auto Extension Cord.** 10 ft. For accessories. 8 amps.
270-1536 . . . . . **4.99**

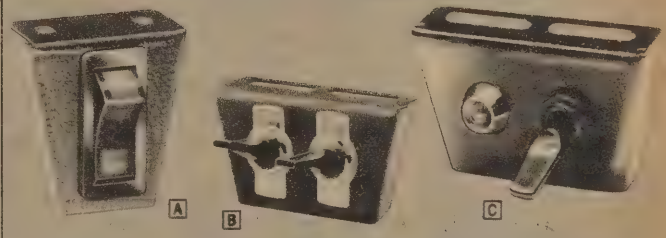
C **Lighter Plug.** Connects auto accessories quickly, easily. Fits std. lighter sockets. 8 amps.
274-331 . . . . . **1.09**

D **Lighter Plug with Cord.** Same as above, with 8 ft. 2-conductor 18 gauge cord. Stripped leads. 8A.
270-021 . . . . . **1.89**

E **Auto Accessory Outlet.** Power 12VDC-operated equipment. In or underdash mtg., hardware included.
270-1539 . . . . . **4.49**

F **Heavy-Duty Lighter Plug.** With coaxial power connector, 2A fuse. 8 ft. U.L. listed. **270-1534** **4.49**

SPST Auto Panel Switches

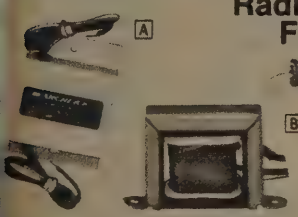


A **Lighted 12VDC Rocker Switch Panel.** Rated 20 amps at 12VDC. Long-life lamp. Solder lug terminals. Mounting hardware.
275-704 . . . . . **3.99**

B **Double Under-Dash Type.** Two separate toggle switches for auto circuits. Contacts rated 5 amps at 12VDC. Includes hardware.
275-702 . . . . . **2.79**

C **Switch with Pilot Light.** Single 5-amp switch with 12VDC lamp assembly. Red lens. Complete with mounting hardware.
275-703 . . . . . **2.99**

Radio Noise Filters

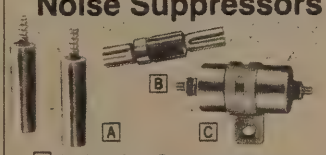


Low As **3.29**

A **Deluxe Filter.** Two L-C sections. Attenuates ignition/alternator noise in stereos or CB. Rated 5 amps. **270-050** **11.95**

B **Noise Eliminator Kits.** Each includes filter choke, capacitor and instructions.
Standard Kit. 270-020 . . . . . **3.29**
Heavy-Duty Kit. 270-030 . . . . . **4.39**

Noise Suppressors



A **Inductive Suppressors.** Stops "popping" noise in AM, FM, CB.
270-052 . . . . . **Pkg. 2/2.79**

B **Resistive Type.** Reduce spark plug noise. Installs in distributor. **270-012** . . . . . **89¢**

C **Capacitive Noise Filter.** Installs in-line, suppresses electrical noise. Rated 0.5 μF, 40 amps. **272-1085** **3.99**

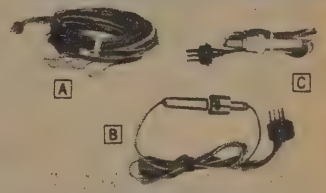
Low-Voltage Tester

1.69

Ideal For Automotive Wiring

5-50 Volt Tester. Red LED indicates live circuit. Checks AC or DC, identifies DC polarity. Also for boat, RV, doorbell, alarm circuits. **272-202** **1.69**

Car Stereo Cable Sets



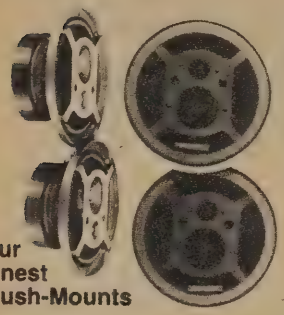
A **Cable Assembly.** 5-pin plug, with power leads, four 18 ft. color-coded speaker leads. Fused.
270-014 . . . . . **5.49**

B **Universal.** Fits 4 or 5-pin sockets. Fused. **270-017** **2.39**

C **Standard.** 5-pin plug. Fused.
270-041 . . . . . **1.89**

Auto Stereo Speakers—Matched Pairs to Fit Any Car

3-Way Hi-Fi System



NEW FOR 81

59.95 Pair

60 Watts Power Handling Capacity

Our Finest Flush-Mounts

High-powered sound! 5¼" air-suspension woofer with 20-oz. magnet, 1" voice coil; 2" midrange, 1" horn tweeter. Electronic crossover, snap-on metal grilles, mtg. hardware. No retainer rings required. **12-1856** . . . . . **Pair 59.95**

2-Way Hi-Fi System

40 Watts Power Handling Capacity

59.95 Pair

Surface mount on rear deck or other flat surface. 5½" woofer, 2" tweeter, individually-mounted under open-mesh grilles. Electronic crossover network, sturdy molded housings. With mtg. hardware. **12-1853** . . . **Pair 59.95**

3-Way Hi-Fi System

79.95 Pair

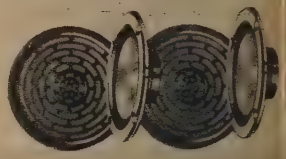
Superb flush-mount speakers make high-power auto-sound equipment come alive! Individually-mounted 5¼" woofer, 2½" midrange, and 2" tweeter with electronic crossover. Fits standard 6x9" cut-out. With mtg. hardware. **12-1854** . . . . . **Pair 79.95**

40-Watt Door Speakers

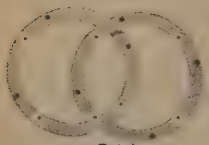
Especially suited for mounting in door panels—only 1½" deep. 5¼" speakers. No retainer rings required. Metal grilles. **12-1855** . . . **Pair 29.95**

29.95 Pair

Moisture Shields Included



Flush-Mount Speakers



Retainer Rings

- *Permanent, Professional-Looking Installations*
- *Include "Retainer Rings" for Instant Mounting without Removing Upholstery Panels*
- *Mount Inside Doors or in Rear Deck of Car*
- *Include Mounting Hardware and Instructions*

Surface-Mount Speakers

- *Install Them in Minutes—No Openings to Cut*
- *Mount on Doors, Rear Deck, Under Dash or Seat—Just About Anywhere*
- *Simple to Remove, Re-Mount in Your Next Car*
- *Include Mounting Hardware and Instructions*

Deluxe 30-Watt Car Speaker Systems

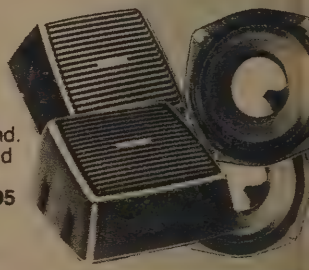
Acoustic Suspension Design

29.95 Pair

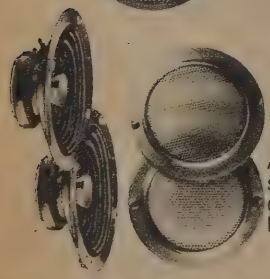
7¾x7½" Molded Housings

Features 5" speakers with 10-oz. magnets and 1" voice coils for deluxe sound. With molded vinyl grilles.
Flush-Mount. 12-1848 . . . . . **Pair 29.95**

Acoustic-suspension design for rich, full sound. 5¼" speakers with cloth-rolled dual cones and 8-oz. magnets.
Surface-Mount. 12-1849 . . . . . **Pair 29.95**



20-Watt Speaker Systems at Low Cost



Sturdy Chrome Grilles

17.95 Pair

7x7¼" Easy-Fit Housings

Add miles of listening pleasure to any car stereo system. Wide-response 5¼" dual-cone speakers with powerful 4¼-oz. magnets for truly impressive sound. Whizzer cones and corrugated constructions for durability. Choose surface or flush-mounts—both install easily.
Flush-Mount. 12-1843 . . . . . **Pair 17.95** **Surface-Mount. 12-1844** . . . . . **Pair 17.95**

20-Watt Speakers—Low-Priced Space Savers

Molded Vinyl Grilles

11.95 Pair

Just 4x4¾"—Fits Most Anywhere

An economical way to add fine sound to any car. Small enough to fit even sub-compacts. Heavy-duty ceramic-magnet speakers. Molded 3" surface-mounts, 5" flush-mounts.
Flush-Mount. 12-1851 . . . . . **Pair 11.95** **Surface-Mount. 12-1852** . . . . . **Pair 11.95**

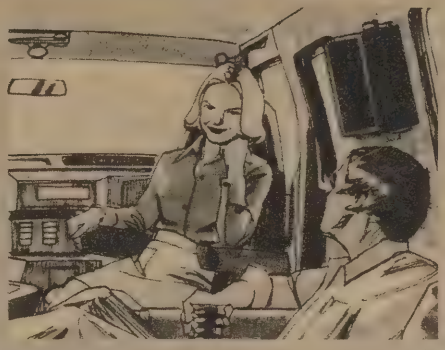
REALISTIC AUTO SPEAKERS ARE ALL 8-OHMS AND ARE RATED IN PROGRAM POWER PER PAIR

Realistic® Speakers and Accessories for Highway Hi-Fi

Famous Minimus®-7 Goes Mobile

49.95 Each *Amazing Bass*

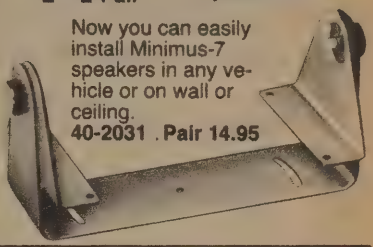
Brings big sound to car, van, RV. Heavy-magnet 4" woofer and wide-dispersion 1" tweeter give full-range response to 20,000 Hz. 40 watts. Diecast aluminum enclosure. 7 1/16 x 4 7/16 x 4 5/16."
Black. 40-2030 ..... 49.95
Silver. 40-2034 ..... 49.95



Minimus-7 Metal Bracket

14.95 Pair *Fully Adjustable*

Now you can easily install Minimus-7 speakers in any vehicle or on wall or ceiling.
40-2031 . Pair 14.95



2-Way Speaker

29.95 Each

Installs like a 6x9" speaker. 6" woofer, discrete tweeter. Handles 50 watts. 8 ohms.
40-1010 ..... 29.95

6x9" Speaker

19.95 Each

40-20,000 Hz. Cloth-roll construction, 1-lb. ceramic magnet, whizzer cone. 35 watts, 8 ohms.
40-1340 ..... 19.95

Massive Magnet

6x9" Speaker

16.95 Each

40-16,000 Hz. Cloth-roll suspension cone with whizzer tweeter for extended treble. 10-oz. ceramic magnet. 30 watts, 8 ohms. **40-1260** ... 16.95

6x9" Replacements

Low As **6.95 Each**

Deluxe. Ceramic magnet. Good bass response. 10 watts. 4/8/16 ohms.
40-1268 ..... 9.99
Budget. Ceramic magnet. 8 ohms. **40-1269** ... 6.95

4x10" Two-Way System

NEW FOR '81

24.95 Each

Delivers 80-18,000 Hz response. 9.12-oz. magnet. 25 watts. 8 ohms.
40-1295 ..... 24.95

4x10" Speakers

Low As **8.59 Each**

50-18,000 Hz. Dual-cone, cloth-roll speaker. 10-oz. ceramic magnet. 30 watts. 8 ohms. **40-1297** 12.95

Rigid metal basket for proper voice coil/magnet alignment. 5-oz. ceramic magnet. 10 watts. 4/8/16 ohms.
40-1243 ..... 8.59

4x10" to 6x9" Speaker Adapters

NEW FOR '81

10.95 Pair

Adapts 4x10" openings for 6x9" high-performance car speakers. Installs in minutes. Includes molded adapters, mounting hardware.
40-1330 ..... 10.95

Wide Choice of Realistic Replacement Speakers and Accessories

5x8" Speaker

9.95 Each

Handles 8 watts. 8 ohms. 3-oz. ceramic magnet.
40-1002 .... 9.95

5x7" Speaker

12.95 Each

Handles 30 watts. 8 ohms. 10-oz. ceramic magnet.
40-1288 12.95

5x7" Replacement Speaker

7.99 Each

Handles 10 watts. 4/8/16 ohms. 3-oz. ceramic magnet.
40-1261 ..... 7.99

4x6" Speaker

6.95 Each

Handles 30 watts. 8 ohms. 10-oz. ceramic magnet.
40-1298 ... 6.95

5¼" Speaker

5.99 Each

Handles 8 watts. 8 ohms. 5.3-oz. ceramic magnet.
40-1241 5.99

Speaker Grilles

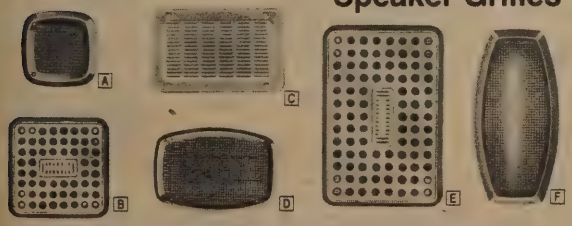


Fig.	Description	Cat. No.	Each
A	5" molded	40-1291	1.99
B	5¼" grille	40-1290	3.59
C	6x9" chrome	40-1174	2.79
D	6x9" rear deck	40-1337	2.99
E	6x9" woodgrain	40-1334	4.59
F	4x10" grille	40-1338	3.99

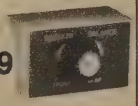
Volume Control

2.69

Easily balance front/rear speakers. **40-550** 2.69

Hi-Power Stereo Fader

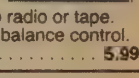
6.99



Front/rear balance control for speaker pairs up to 50 watts.
270-048 ..... 6.99

Stereo Selector/Fader

5.99



Select stereo radio or tape. Front to rear balance control.
270-046 ..... 5.99

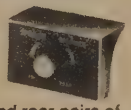
Speaker Switch

2.69

Select front, rear, or both.
40-540 ..... 2.69

Stereo Fader

4.99



Balance front and rear pairs of stereo speakers.
270-047 ..... 4.99

Stereo Selector Switch

2.99

Select stereo radio or tape.
270-045 ..... 2.99

Radio Shack Puts the Power Where You Need It!

Regulated 12VDC Power Supply—Use Mobile Equipment at Home

29.95

- *2.5-Amp Output*
- *Circuit Breaker Protected*

Operates most 12-14 VDC equipment from 120VAC. Power CB radios (even SSB), ham rigs, autosound equipment. Delivers up to 2.5 amps continuous (5 amps surge) at 13.8VDC. 2½x4½x6¾." U.L. listed AC operation, 50-60 Hz. **22-124** **29.95**

300-Watt Power Inverter Converts 12VDC to 120VAC

99.95

- *Powers Appliances from Vehicles*
- *Boost Switch for Low Voltage*

Perfect for powering TV sets, electric typewriters, lights, small hand drills, sewing machines and other appliances, up to 300 watts continuous load! Convenient for use on camping trips, in boats—anywhere that AC is not available. Normal/Boost switch compensates for low input voltage. Circuit breaker protects against overload—resets automatically. Input voltage: 11-16VDC. Input current: 25A full load. Output: 120VAC square wave. 7x6½x4½." **22-130** **99.95**

Low-Cost 12VDC Power Supply

23.95

- *Use Mobile Equipment at Home, Too*
- *Delivers 1.75 Amps*

Ideal for powering 12VDC autosound equipment. LED "on" indicator. Output surge ratings: 5 amps. Fuse protected. 2½x4½x6¾." U.L. listed AC operation, 50-60 Hz. **22-127** . . . **23.95**

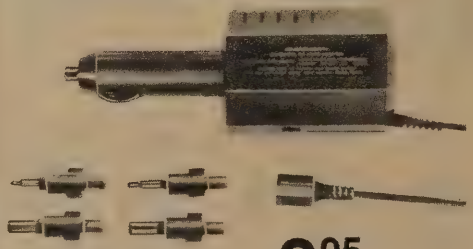
12VDC Voltage Inverter

26.95

Converts −6VDC or +12VDC to −12VDC

Now you can enjoy your 12VDC equipment in vehicles with non-standard (−6VDC and +12VDC) electrical systems. Fully isolated output—ideal for AM, FM, and CB radios and tape players. Delivers up to 3 amps. Fuse-protected against overload. 6x2⅝x2⅞." **22-129** **26.95**

DC Auto Adapter—Reduces 12 Volts to 6 or 9 Volts



Includes Four Different Type Output Plugs

8.95

Power portable equipment from your car, truck, RV, or boat. Four different plugs fit almost all equipment with a DC power input jack. 6/9V switch, reversible output polarity. Delivers up to 300 mA current. 6' cord plugs into lighter socket. For 12VDC negative ground only. **270-1561** **8.95**

Universal AC Adapter

9.95

- *4-Way Voltage Selector Switch*
- *Operates Most Portables From AC*
- *4 Adapter Plugs Fit Most Units*

Powers most portables with a jack for external power. Four plugs—mini and submini phone types, and .085 and .097" I.D. coaxial power types—for up to 32 different power combinations! Output 4.5, 6, 7.5, or 9V at 300 mA. With 6' cord. U.L. listed AC operation, 60 Hz. **270-1551** **9.95**

MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

Hear the Action As It Happens On a Scanner Radio

8-Channel Scanners For At-Home Use

U.S. Pat. No. 3,794,925 and 3,895,303

2 Bands! VHF-Hi VHF-Lo **129.95**

4 Bands! VHF-Hi/Lo UHF-Hi/Lo **149.95**

Specifications

Sensitivity (for 20 dB quieting): 1 microvolt, except PRO-53 UHF-Hi, 3 microvolt. **Selectivity:** ±9 kHz −6 dB, ±47 kHz −50 dB. **Audio Output:** Over 2 watts. **Bands:** VHF-Lo 30-50 MHz; VHF-Hi, 148-174; UHF-Lo, 450-470; UHF-Hi, 470-512. **Power Requirement:** 120VAC. **Size:** 3¼x10¾x10."

Realistic PRO-53. Listen to Police, fire, weather, mobile telephone and more. Locks in on active channels, resumes scan when conversation ends. Automatic scan-delay holds channel 2 seconds—you don't miss return calls. Individual channel-lockout switches select any or all channels. Squelch keeps set quiet between calls. Headphone jack. LED channel indicators. Requires up to 8 crystals. U.L. listed. **20-122** **149.95**

Realistic PRO-52 (Not shown.) As above, except covers VHF-Hi/Lo bands only. **20-121** **129.95**

Crystals. Specify frequency . . . . . **Each 4.95**

4-Band, 10-Channel Mobile* That Goes Home, Too!

169.95

U.S. Pat. No. 3,794,925

Bands: VHF-Lo, 30-50 MHz; VHF-Hi, 148-174; UHF, 450-512. **Sensitivity:** (for 20dB quieting): VHF-Lo, 0.8 microvolts; VHF-Hi, 0.5; UHF, 1. **Audio Output:** 2 watts, max. **Power Requirements:** 120VAC or 12VDC neg. gnd.

Realistic PRO-47. Scan up to 10 crystal-controlled channels and listen to exciting, up-to-the-minute happenings. Automatically locks on to any active channel. Delay circuit waits 2 seconds for a return call. Channel lock-out switches. LED channel-scan indicators. Headphone jack. Squelch. Requires up to 10 crystals (below). U.L. listed. **20-142** **169.95**

Crystals. Specify frequency . . . . . **Each 4.95**

4-Channel Pocket Scanners Bring the Action Along*

VHF Marine | VHF Weather | Police | Fire

Two Antennas Included!

Use the antenna that best suits your needs! Telescoping for optimum range, short flexible type for use in close quarters!

VHF-Hi/Lo
VHF-Hi/UHF

U.S. Pat. Nos. 3,794,925 and 3,895,303

129.95 Each

A **Realistic PRO-20.** Monitor the action wherever you go! Fits in a pocket, or on your belt. Scans up to 4 channels on 30-50 MHz VHF-Lo and 144-174 MHz VHF-Hi. Features scan-delay to catch call responses, channel lockout to skip unwanted channels, variable squelch, built-in speaker. Jacks for earphone, antenna, external power and charger. With earphone, batteries. 6½x2⅞x1½." Requires up to 4 crystals (below). **20-101** **129.95**

B **Realistic PRO-21.** As above, but 144-174 MHz VHF-Hi and 450-470 MHz UHF-Lo/470-512 MHz UHF-Hi. **20-102** **129.95**

Crystals. Specify frequency . . . . . **Each 4.95**

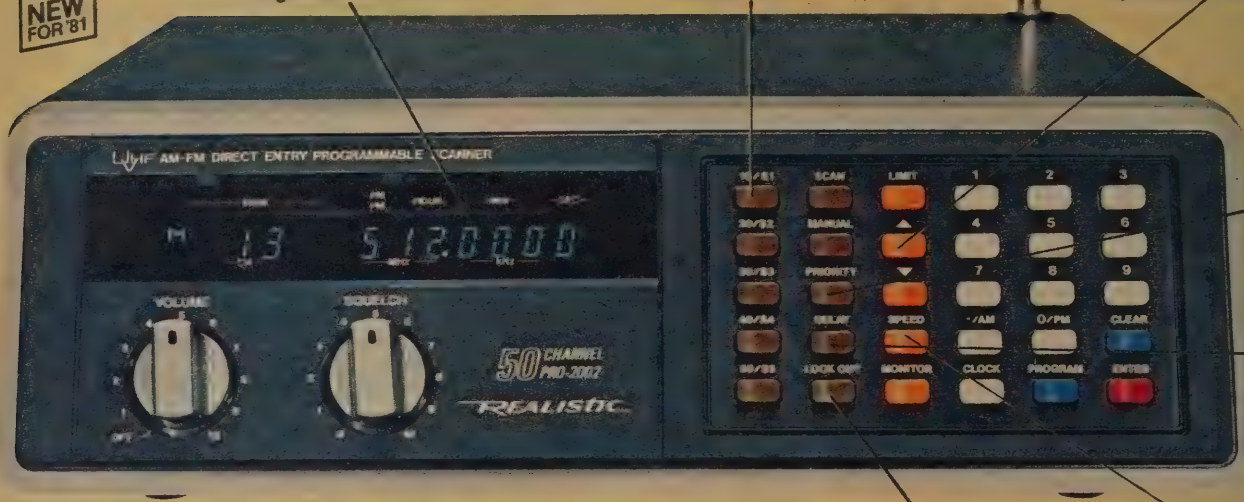
120VAC AC Adapter/Charger. U.L. listed. **20-189** **6.95**

12VDC Adapter. Plugs into cigarette lighter socket. **270-1561** **8.95**

*MOBILE USE IN SOME AREAS MAY BE UNLAWFUL—CHECK WITH LOCAL AUTHORITIES

50-Channel Programmable Scanner for Home Or Car*

NEW FOR '81



Big Fluorescent Display Shows Channel Number, Frequency, Status, Program Mode, and Time!

5 Banks of 10 Channels—All can be Activated or Any Combination Can be Received!

Search Direction Buttons—Search Up Or Down in Frequency to Find New Or Unpublicized Channels!

Selectable Priority Channel Can be Any One of the 50 Channels!

Selectable Electronic Delay Can be Added to Any of the 50 Channels!

U.S. Pat. Nos. 3,794,925 and 3,801,914. Others Pending

Electronic Individual Channel Lockouts—Select the Channels You Want to Scan!

2 Scanning Speeds for Both Standard Scanning and Searching for New Frequencies!

399.95

Available Dec. 30, 1980

No Crystals Needed! Direct Keyboard Entry Of 20,480 VHF, UHF and Aircraft Channels!

Realistic PRO-2002. You can't buy a better or more exciting scanning radio! With it, you enjoy continuous, automatic reception of any 50 channels on UHF and VHF for all kinds of real-life action and drama—police, fire, railway, mobile telephone, aircraft, VHF weather, amateur radio operators, and more. And you can "personalize" your listening—the digital keyboard lets you punch in actual frequencies for monitoring, storing, or just exploring. Search Direction buttons make it easy to find new and often unpublicized channels—just enter the lower and upper range limits and select the search speed. You can search all frequencies or in any of 5 sets. The rest is automatic, because the 2002 will search across all the bands. When you find an interesting channel, simply read its frequency off the big 6-digit display, and insert it in the microprocessor memory using the ENTER button. Zeromatic® assures accurate signal tuning.

Features automatic or manual scanning, scan-delay so you can hear both sides of messages, electronic individual channel lockout for temporarily bypassing unwanted channels, and variable squelch control—you hear only the messages, not noise. Built-in 9V battery (not incl.) backup maintains the memory during power failures or when you unplug the scanner. Built-in speaker, plus jacks for headphone, external speaker and tape recorder. Band Coverage: VHF-Lo 30-50 MHz; Aircraft (AM) 108-136 MHz; Amateur Radio 138-148 MHz; VHF-Hi 148-174 MHz; Amateur Radio/Government 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi ("T") 470-512 MHz. Includes comprehensive operating manual, mobile* mounting bracket, all power cords. U.L. listed AC operation or 12VDC neg. gnd. external power. 3⅝x10 3/16x10⅞." PRO-2002—The ultimate scanner!
20-116 . . . . . **399.95**

"Police Call" Frequency Directories—Latest Editions

5.95 Each

9 Regional Volumes

Get the most out of your scanner radio! Each volume contains over 10,000 listings—call letters and frequencies used by state and local governments, fire departments, police, sheriff, ambulances, rescue squads, hospitals, news reporters and more!

Vol.	States Covered	Cat. No.	Each
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041	5.95
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042	5.95
3	Michigan, Ohio	62-1043	5.95
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044	5.95
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045	5.95

Vol.	States Covered	Cat. No.	Each
6	Dist. of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046	5.95
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047	5.95
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048	5.95
9	California, Oregon, Washington	62-1049	5.95

*MOBILE USE OF SCANNERS IN SOME AREAS MAY BE UNLAWFUL OR REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES

Price Breakthrough! Low-Cost 8-Channel Scanner

No Crystals Needed—Keyboard Access to 18,160 VHF and UHF Action Frequencies!

269.95

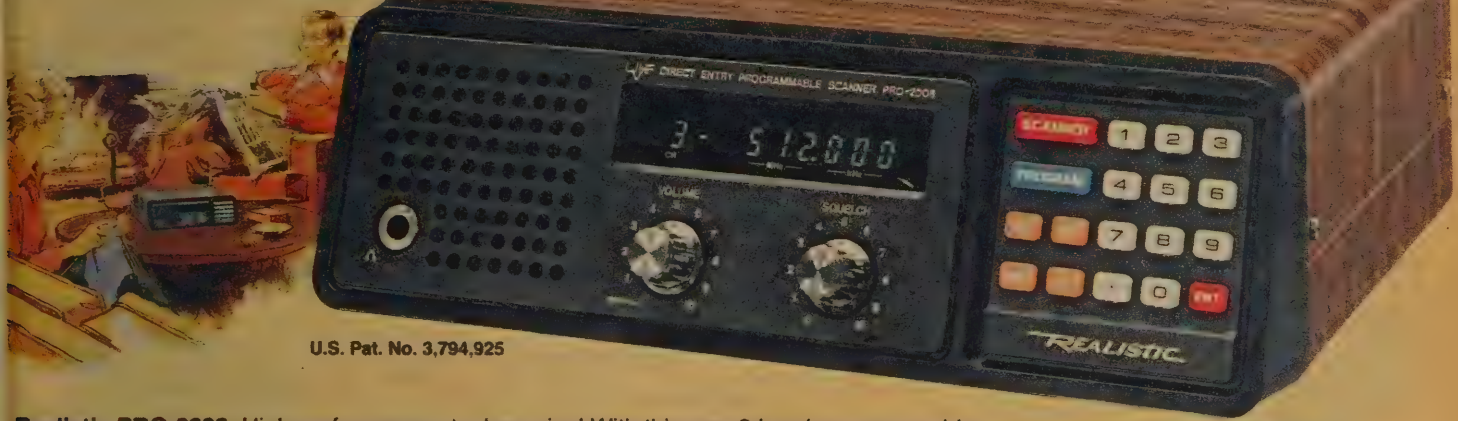
- ***Manual or Fully Automatic Scanning***
- ***Big Fluorescent Display Reads the Channel Being Scanned, Monitored Continuously, or Being Programmed into the Scanner's Computer Memory***

NEW FOR '81

Police Communications

Fire Departments

Rescue Teams & More!



U.S. Pat. No. 3,794,925

Realistic PRO-2008. High performance at a low price! With this new 6-band *programmable* scanner, you're not limited to a few crystal-controlled frequencies. Instead, hear police, fire, mobile telephones, Amtrak and freight trains, Hams, NOAA weather and more simply by entering the frequencies you want on the keyboard! Scans up to 8 channels, locks in on active ones, and resumes scanning when message is over. DELAY key holds selected channels 2 seconds to prevent missed replies. OUT key temporarily locks out selected channels while you scan the others. Full-time monitoring of a single channel is provided by MAN key and ENTER key helps reduce incorrect entries. Bright 8-digit readout tells you at a glance the channel number, its frequency and status. PLL circuitry with auto-tune front end assures peak sensitivity on all bands. ¼" headphone jack, detachable whip antenna and external antenna jack. Special circuit powered by 9V battery (not incl.) holds memorized frequencies in event of power failure or accidental unplugging! U.L. listed AC operation. **20-111** **269.95**

Specifications

Frequency Coverage: VHF-Lo 30-50 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Gov't 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi ("T") 470-512 MHz. **Sensitivity (for 20 dB quieting):** VHF-Lo, 1 microvolt; Ham/VHF-Hi, 1 microvolt; Ham/Gov't/UHF, 2 microvolts. **Selectivity:** ±9 kHz, −6 dB; ±17 kHz, −50 dB. **Scanning Speed:** 10 channels per second. **Delay Time:** 2 seconds. **IF Filters:** Crystal, 1st IF (10.7 MHz); Ceramic, 2nd IF (455 kHz). **Audio Power Output:** 2 watts. **Power Requirement:** 120VAC, 60 Hz. **Size:** 3 9/16x10¼x8¼."

Add an Indoor, Outdoor Or Mobile Antenna for Best Reception

A **Indoor VHF-Hi/Lo Plug-in Antenna.** Center-loaded. Extends 16-40." Motorola-type plug fits Realistic scanners. **20-161** **9.95**

B **Indoor UHF-Hi/Lo Plug-in Antenna.** 20½" long. Motorola-type plug. **20-451** **9.95**

C **VHF-Hi/Lo, UHF-Hi/Lo No-Hole Trunk-Mount Mobile Antenna.** Stainless steel whip, 16 ft. cable, Motorola-type plug. **20-017** **24.95**

D **VHF-Hi, UHF-Hi/Lo Ground Plane Base Antenna.** Covers 152-512 MHz. 1 vertical, 3 radial elements. Accepts PL-259 connector. U-clamp mount fits masts up to 1½" dia. Less cable. **20-176** **11.95**

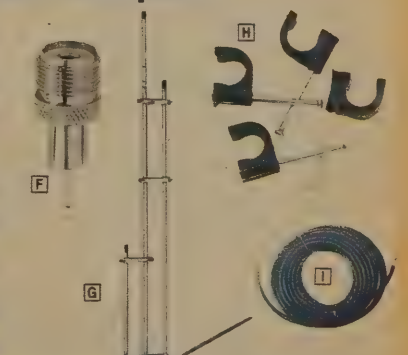
E **VHF-Hi/Lo, UHF-Hi/Lo Magnetic Mount Mobile Antenna.** Secure—even at high speed! 16 ft. cable, Motorola-type plug. **20-018** **24.95**

F **Coax Adapter.** Adapts standard PL-259 connector to a Motorola-type plug. Quality low-loss construction. **278-208** **1.95**

G **VHF-Hi/Lo, UHF-Hi/Lo Ground Plane Base Antenna.** 3 whips, 3 radials. Accepts PL-259 connector. Less cable. **20-014** **29.95**

H **Coax Clips.** Nail to wall—the easy way to keep coax in place! **For RG58/U. 20-192** . . . **10 for 99¢** **For RG8/U. 20-193** . . . . **6 for 99¢**

I **Coax Cable Assemblies.** 52-ohm low-loss polyfoam cable. PL-259 connectors installed at both ends. **50 ft. of RG58/U. 278-971** . . . . . **11.95** **50 ft. RG8/U. 278-970** . . . . . **19.95** **100 ft. RG8/U. 278-972** . . . **34.95**



Auto Accessories for Added Safety and Convenience

Sensitive Radar Detector

99.95

Mounts Easily to Windshield or Top of Dashboard

Micronta Road Patrol XK. Detects moving and stationary "X" and "K" bands at extended range. Warning light and audible signal pulse to indicate your relative distance to radar. Automatic sensitivity provides peak operation at all times. Green LED power indicator. Plugs into cigarette lighter. 12VDC. With mounting bracket and self-sticking adhesive. **22-1601** **99.95**

Our Finest Long-Range Radar Detector

The Electronic "Sixth Sense"

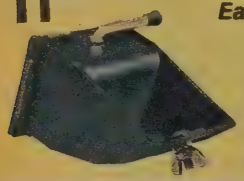
199.95

Micronta® Road Patrol LR. So sensitive it even works over hills and around curves giving you both visual and audible warnings for all radar bands. Adjustable sensitivity, OFF, volume control, power-on indicator. Coiled power cord plugs into cigarette lighter receptacle. Filtered to reject non-radar signals. 12VDC. Includes mounting bracket and self-sticking adhesive. **22-1602** **199.95**

Not offered where sale is prohibited by law. Use may be regulated by state or local law.

Radar Detector/CB Bracket

11.95

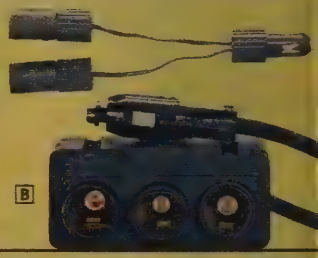


Instant Vacuum Mounting, Easy Removal From Cars, Trucks or Small Boats

For easy transfer of CBs, radar detectors, ham rigs or other accessories weighing up to 15 lbs. Mounts to any smooth, non-porous surface. **270-035** . . **11.95**

Auto Lighter Plug Adapters

Power a CB, radar detector, tape player or other 12VDC accessories simultaneously from one lighter socket.



A **2-Outlet Y-Adapter.** 8 amps.
270-1535 . . . . . **4.99**

B **3-Outlet Adapter.** 15 amps.
270-1538 . . . . . **9.95**

Portable Air Compressor—Makes Hand Pumps Obsolete!

NEW FOR '81

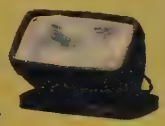
Easy to Use—Plugs Into Your Car's Cigarette Lighter Socket!

24.95

A real work saver! Inflates tires, rafts, beach balls, and sporting equipment quickly, easily. You can also use it to pressurize water circulation systems in boats and recreation vehicles. Small yet powerful—delivers up to 80 lbs. of air pressure! Comes complete with 28 inch air hose, 9 foot power cord and plug, plus 2 accessory nozzles. 12 VDC. **61-2647** **24.95**

Hand-Held Quartz-Halogen Spotlight

14.95



- ***Pierces Rain Fog and Snow***
- ***Fits 12VDC Lighter Socket***

Projects a sharply focused beam, 4 to 5 times brighter than auto high beams. With lens cover, hanger hook. Compact (4⅜x3⅜x6 5/16") and lightweight. The ideal road companion. **61-2649** **14.95**

High-Intensity Emergency Strobe Light

11.95

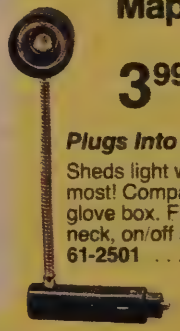
Get Help Fast Day or Night

A pulsing flash 300 times brighter than ordinary flashlights. Weather sealed and compact. Wrist strap. Requires 2 "C" batteries.
61-2644 . . . . . **11.95**

Flexible Auto Map Light

3.99

NEW FOR '81



Plugs Into Cigarette Lighter

Sheds light where you need it most! Compact—store in glove box. Flexible 5" long neck, on/off switch.
61-2501 . . . . . **3.99**

Magnet Utility Light

NEW FOR '81

3.99

Magnet Holds Light Under Hood, Trunk or Auto Body

Ideal for night-time emergency repairs. Plugs into cigarette lighter. With convenient 12 ft. retractable cord. 12 VDC. **61-2502** **3**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Mobile-Alert™ Alarms for Your Car, Van, RV or Boat

Silent Alarm Vehicle Security System 99.95

Only You Hear the Alarm! The Thief Doesn't Know He's Been Detected and is Likely to Still Be There When Police Arrive!

"Silent Alarm" Coded Radio Signal "Beeps" Receiver to Alert You Up to ½-Mile Away That Your Car Is Being Tampered With

This advanced system can help protect your car from theft and vandalism. It features a "coded" radio transmitter and a pocket receiver that signals you and you alone when your car is in danger of intrusion. Two electronic sensors mount on car door posts or frame to detect tampering instantly! Just mount the mini-transmitter under the dash and connect to your existing car radio antenna. Take the miniature receiver with you to monitor your car's security. Adjustable sensitivity control. Transmitter, 4¼x2¾x1¼". Receiver, 4x2x1". With instructions, cables, hardware. Receiver requires 2 "AA" batteries. FCC CB license required. For any 12VDC neg. ground vehicle.
49-491 . . . . . **99.95**

Keyless Vehicle Alarm System with Motion Sensor

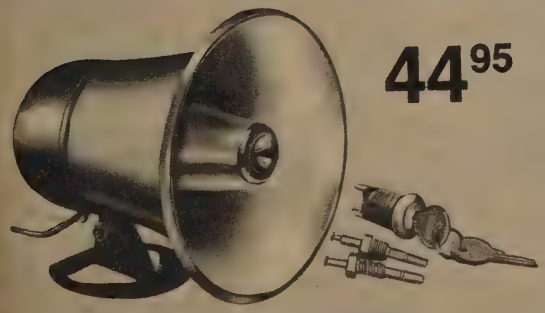
NEW FOR '81

99.95

- ***Senses Opening of Hood, Trunk and Doors***
- ***Motion/Vibration Sensor Detects Jacking, Towing and Tampering***
- ***Automatically Arms Itself After You Leave the Vehicle***
- ***20-Second Entry Delay Allows You to Disarm the System with Ignition Key***

Protect your car and any valuables inside against theft! Detects motion, tilt of vehicle and tampering with hood, trunk and doors to prevent any type of vandalism or pre-entry damage. Automatically arms itself 45 seconds after car has been turned off and last door closed. Disturbances to the system will cause an immediate alarm. Electronic siren blasts intermittently for approximately one minute, after which the system automatically resets to detect further disturbances. 20-second entry delay allows owner to disarm the system with ignition key. Comes with compact control module/motion sensor that can be easily concealed. Includes instructions, cables and hardware. For any 12VDC neg. gnd. vehicle. **49-493** **99.95**

Voltage Sensing Alarm System



44.95

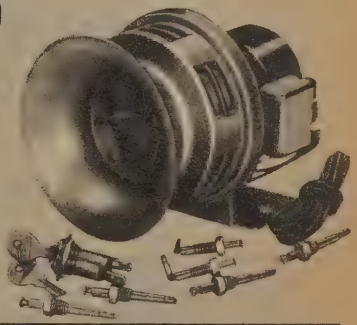
- ***Guards Trunk, Hood and All Doors***
- ***Protects CB, Tape Player, Accessories***

Protection for your car, van, RV or boat. Alarm delivers high-intensity sound! Voltage sensor and extra lead to protect CB/tape units. Two minute auto shutoff. Switches for trunk and hood, lock switch and 2 keys, wire, hardware, instructions. 12VDC neg. gnd. **49-480** **44.95**

Siren Auto Alarm System

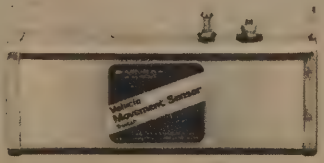
Sale and Use of Mobile Sirens is Prohibited in California and Some Other States

34.95



A complete security system for your car, van, truck, recreation vehicle or boat. Includes 6 switches, 2 keys, lock, wire and all hardware. For all 12V negative ground vehicles. Easy to install, provides low cost protection against theft or vandalism for your vehicle or boat! **49-492** **34.95**
Extra Alarm Switches. 49-509 . . . . . **Pkg. of 2/2.89**

Motion Sensor Switch

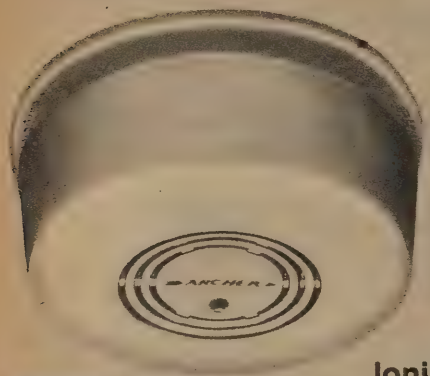


NEW FOR '81

4.95

Detects motion and tilt of your vehicle, prevents jacking, towing and tampering. Mounts easily under hood, can be added to any of the above security systems (except 49-493). 6⅜x2⅜x1⅜".
49-520 . . . . . **4.95**

Radio Shack Makes You and Your Home More Secure



Ionization Smoke Alarm

Attaches to wall . . . . . or to ceiling

- *No AC Power Required*
- *LED Shows Unit Is On*

16.95

Includes $1.99-Value 9V Battery

When fire breaks out, every second counts. This sensitive, battery-powered detector continuously monitors your home's air, responding quickly to flame or invisible combustion particles—sounding a loud, built-in alarm. Battery lasts up to one year and a warning circuit indicates when it needs replacing. 4⅞" dia. x 2" thick. Includes mounting hardware. U.L. listed. **49-454** **16.95**

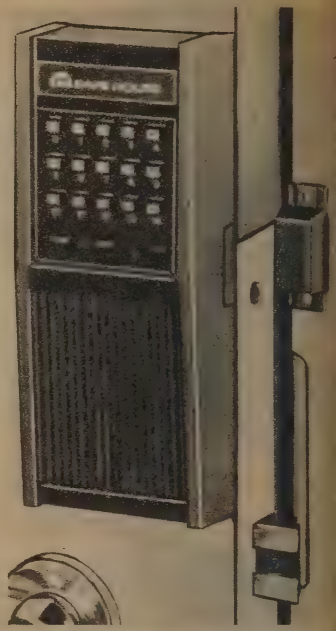
Door Alarm and Entry Chime

NEW FOR '81

24.95

- *Alarm Is Set Using Secret Keyboard Code*
- *Exit/Entry Delay*
- *Compact—Easy-to-Install*

Attractive unit not only gives alarm protection, but the pleasant-sounding chime "announces" callers when the door is opened. Alarm is set and shut-off by entering a 3-digit code that only you know on the keyboard. LED indicator shows if you "punched-in" the right code. When the alarm is tripped it gives off a loud, shrill sound to scare off intruders. Delay feature lets you leave and return without setting off a false alarm. Requires 9V alkaline battery. **49-420** **24.95**



Personal Powerhorn®

5.49 *Use to Summon Aid*

Portable protection for emergency situations. One blast will attract attention and scare intruder away. Small enough to fit in your purse or pocket. Can be heard up to ½-mile away. **49-600** **5.49**

Door Hanger/Portable Security Alarm

23.95 *For Wood or Metal Doors*

Hang on door knobs or place inside valuables. When unit is moved, it sounds a shrill, one-minute alarm. Adjustable sensitivity. Instant or delayed alarm. 4½x2¾x2". Requires two 9V batteries. **49-460** **23.95**

Power-Failure Light

14.95

Plugs into AC outlet. If power fails, built-in battery powers light up to 90 minutes, recharges when AC is restored. 1⅛x3⅝x1½". U.L. listed **61-2645** **14.95**

Powerhorn-Junior Security System

2.99 *Install Several in Your Home*

Inexpensive protection for doors and windows. Loud built-in alarm. Easy-to-install. Includes mounting screws and adhesive backing. Requires 2 "AA" batteries. **49-494** **2.99**

Door Hanger Guard

NEW FOR '81

9.95 *Use on Wood Doors*

Designed for wood doors only. Hooks over the inside doorknob and sounds a piercing horn to alert you when there's tampering with the outside knob or lock. Adjustable sensitivity. Requires 9V battery. **49-461** **9.95**

Barricade Door Lock

NEW FOR '81 **9.95**

Ideal door protection for total security! Pick proof—stops door movement. Panic proof—one finger release. Strong die-cast metal. Simple to install. **49-544** . . **9.95**

Key Hide-Away

69¢ *Prevents Lockouts*

Hide an extra car or house key. Magnet holds box to magnetic metal surface. **49-050** . . . . . **69¢**

Door Viewer

5.99 *Easy to Install*

See who's there before opening your door! Outsiders can't see in. Super-wide 190° viewing angle. Solid brass. **49-542** **5.99**

Window/Door Slide Stop

99¢ *Halts Burglars!*

Prevents sliding open windows or doors. Position stop for any size opening. Easy to install. **49-540** . . . . . **99¢**

Sliding Door /Window Lock

2.79 *Installs Easily*

Uses a bolt lock to prevent opening doors or windows. Includes mounting hardware. **49-541** **2.79**

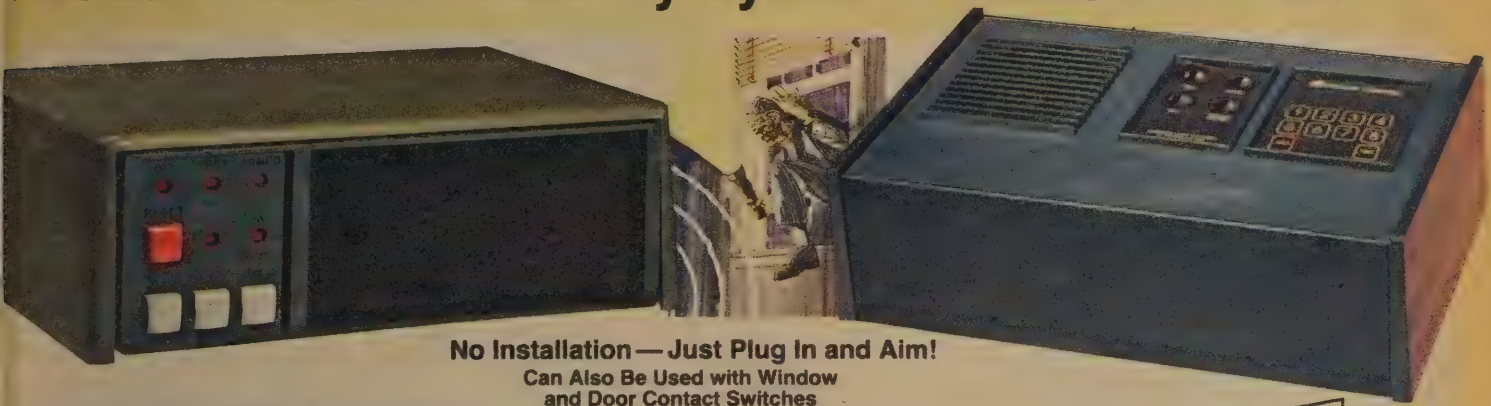
Patio Door/Window Lock

NEW FOR '81 **1.49**

Steel pin keeps patio doors from being pried open or lifted out. Ideal for double-hung windows, too. Cap lock prevents jiggling of pin. **49-543** **1.49**

THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU ARE

Motion-Detector Security Systems for Home or Office



No Installation — Just Plug In and Aim!
Can Also Be Used with Window and Door Contact Switches

199.95 Microprocessor Intrusion Alarm

SAFEHOUSE™ RF Field Disturbance Alarm System. Our best motion detector! Protects with an invisible beam of energy that detects movement within an area 50' long (5000 cubic feet). When an intruder is sensed, alarm sounds for eight minutes, then shuts off and resets. Keyboard arms and disarms the system with a 4-digit "secret" code. Time delay allows you to leave and return without setting off the unit. LEDs indicate system status. Built-in rechargeable battery activates automatically if AC power fails. Requires siren horn (49-500 right). 4x10½x7." U.L. listed AC operation. **49-320** **199.95**

System with Siren Horn. Save $19.95. Reg. Separate Items $239.90 ..... **219.95**

Alarm Siren Horn

39.95

Efficient weatherproof design for indoor and outdoor use. Handles up to 30 watts. 8 ohms.
49-500 ..... **39.95**

Use Two — One Indoor and One Outdoor for Maximum Protection

Deluxe Ultrasonic Motion Detector

NEW FOR '81

119.95

Security without complicated installation — perfect for home and apartment. Easily arm and disarm the unit by a "secret" keyboard code. LED indicators show system status. Entry/exit delay allows you to leave and return without setting off the alarm. Audible "walk-test" defines protected area. Covers up to 20x30,' and sounds a loud, built-in alarm when motion is detected. Connections for optional remote arm/disarm switch, and siren horn (49-500 left). 3¼x10⅜x6¾." U.L. listed AC operation. **49-302** **119.95**

System with Siren Horn. Save $10.00. Reg. Separate Items $159.90 ..... **149.90**

Invisible Infrared Pulsed-Beam Announcer/Alarm System

One-Piece Receiver/Transmitter Unit **69.95**

Beam Reflector

A silent 'round-the-clock sentry. Works as an alarm against intruders or as an announcing system for people entering a given area. Shoots a narrow beam of invisible infrared light across a given space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound continuously with manual reset, to sound only while beam is broken with automatic reset, or to sound when beam is broken plus an extra 10 seconds. Features LED test/alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell, whooper. 4⅛x3x7¼." With adjustable mounting bracket. U.L. listed AC operation. **49-201** **69.95**

Ultrasonic Intrusion Alarm System

79.95

- ***No Installation — Just Plug In and Aim!***
- ***Loud Built-In Alarm • "Walk-Test" Lamp***

One-piece security system gives low-cost protection for your family and home. Invisible field of sound waves detects any movement within an area of 20x30. Motion triggers a loud built-in alarm or an optional super-loud 12VDC siren or bell (below). The alarm can be set to sound instantly or with a 15-second delay. Other features include adjustable sensitivity, remote on/off, and an automatic 20-second delay for leaving the room without setting off a false alarm, plus a battery back-up provision. Simulated walnut finish. 2¾x9½x8¼." U.L. listed AC operation.
49-300 ..... **79.95**
Optional Electronic Whooper. 49-488 ..... **23.95**
Optional 8" Underdome Alarm Bell. 49-498 ..... **19.95**

Wired Alarms and Accessories from The Shack®

A Complete Home Burglar Alarm System

99.95 Ready to Install, Complete Burglary Protection System

- *Perfect Project for Do-It-Yourselfers*
- *"Panic" Switch for Instant Alarm in Emergency*

You get it all! Four SPST magnetic switches for doors and windows, loud 8" dia. alarm bell with built-in timer that meets local code requirements, master control box of heavy-gauge steel with an anti-tamper switch. Also includes 100' of wire, remote on-off switch and key lock, 2 keys, 2 warning decals, mounting hardware, instructions. 12¾x9⅜x5¼". Extra switches and foil may be added. Requires 12V battery, below. **49-474** **99.95**

Heavy-Duty Battery for above. 23-007 . . . . . **9.89**

Accessories to Expand Your New or Existing Alarm System

8-Inch Underdome Alarm Bell

19.95

Heavy-duty design for signaling or alarm systems in homes, schools or even factories. For 12VDC. U.L. listed. **49-498** **19.95**

Electronic Whooper™ Siren

New Low Price!

23.95

Was $26.95 in 1980 Catalog

Sale and use of sirens for mobile purposes is prohibited in Calif. and certain other states.

Emits a loud "rise-fall" sound. 6/12VDC. Weatherproof spun aluminum. Swivel base. With hardware. **49-488** **23.95**

Vibration-Detecting Window Sensor

7.95

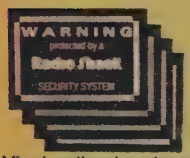
Excessive glass vibration triggers open or closed-circuit alarms. With adhesive backing. U.L. listed. **49-516** **7.95**

Window Foil & Block Connectors

A **Metallic Foil.** Connects to alarm, activates it when glass is broken. Self adhesive 120'x⅜" roll. **49-502** **5.69**

B **Connectors.** Self adhesive. **49-504** . . . . . **Pkg. of 6/2.79**

Warning Decals



99¢

Vinyl, adhesive decal tells everyone you're protected by a Radio Shack security system. Mount inside on glass. **49-507** . . . . . **Pkg. of 6/99¢**

Panic Switch

1.49

Pushbutton instantly activates alarm system in an emergency. For normally open circuits. Contacts close when button is pushed. **49-517** **1.49**

Magnet Switches and Spacers

A Contacts close when magnet engages. **49-495** **3.49**

A Contacts open when magnet engages. **49-512** **3.99**

B **Spacers.** Use with above on metal doors or uneven surfaces. **49-519** . . . . **Pkg. 6/99¢**

Contact Switch

For Windows, Door Frames

1.69

SPST contacts close when plunger is depressed. With screw terminals and mounting hardware. U.L. listed. **49-513** **1.69**

SPST Lock Switch

4.49

Spring-loaded cover, screw terminals. With 2 keys. Contacts rated to 3 amps. **49-515** **4.49**

SPST Lock Switch

9.95

High-security round style key and lock switch. Key removes in "on" or "off" position. With 2 keys. 3 amps. **49-511** **9.95**

Key Lock Cover

1.49

Protective die-cast cover, spring-loaded hinge, rubber sealed gasket. **49-514** **1.49**

Window Foil/ Vibration Contact

3.79 NEW FOR '81

Mount half on window or door; other half on frame. Allows you to open doors and windows. **49-518** . . **3.79**

GET IT "ON CREDIT" AT RADIO SHACK—MASTERCARD AND VISA HONORED AT MOST STORES

Radio Shack Alarms and Timers for a SAFEHOUSE™

NEW FOR '81

Wireless! The Very Latest in Home Alarm Systems

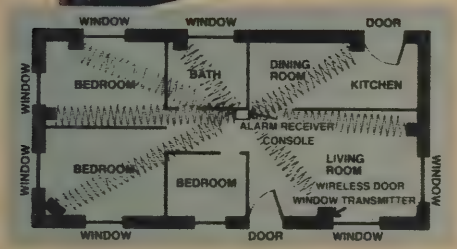
179.95

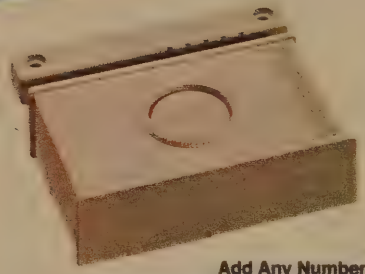
Easy-to-Install—No Wires to Run from the Transmitter to the Main Alarm Unit

Includes Central Alarm and One Door Transmitter

SAFEHOUSE System. Design your own "total" security system. Just plug receiver/central alarm into any AC outlet and place the transmitters at doors and windows. Add more transmitters anytime you want to expand your system for more protection. Sounds a loud alarm from the built-in speaker, or add a super-loud indoor/outdoor horn (below). Automatic alarm shutoff and reset. You can program a digital "disarm code" and an exit/entry delay of 5 to 45 seconds. Two channels let you "zone" the system; for example, doors and windows or house and garage. Six LEDs show functions, confirm system is A-OK. U.L. listed operation with battery backup in case of AC failure (requires 6 "C" cells). Walnut vinyl trim. 3¼x10¼x6½". Transmitter requires 9V battery, features automatic low-battery warning.

49-401 . . . . . **179.95**
Extra Transmitter. 49-402 . . . . . **Each 29.95**
Outdoor Alarm Horn. 49-500 . . . . . **39.95**





Add Any Number of Transmitters to Expand Your System

Protect Lives and Property With a Water/Flood Alarm!

NEW FOR '81

9.95

- ***Makes Homes and Boats Safer***
- ***Alarm-Test Button and Indicator***

A lifesaver! Inexpensive and dependable, it automatically sounds a piercing alarm to warn of water entering in basements, garage, utility rooms, boats—anywhere! Installs easily in minutes. Requires 9V battery. **49-440** **9.95**

24-Hour Timers for Safety and Convenience

Automatic ON-OFF control of almost any appliance. Use with lamps to give your house that "at home" look when you're not. Time TV's, radios and small appliances to suit your own style of living. Just plug timer into AC, plug device into timer, set timing dial. U.L. listed AC operation.

Multi-Program Timer

15.95 ***With 2 Sets of Trippers***

Tabletop auto or manual operation. Minimum ON time, 30 minutes; maximum ON time, 23½ hours. 4¼x3¾x3". Rated 15A, 1875W.

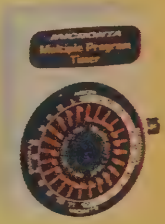
53-863 . . . . . **15.95**

Multiple Program Timer

11.95 ***With 24 Programming Tabs***

Plug-in type works up to 24 times a day. 23 hours maximum, 1 hour minimum ON time. 4x2x1¼". Rated 15A, 1875W.

53-864 . . . . . **11.95**



All-Purpose Timer

11.95 ***Controls Household Jobs***

24-hour dial with single on-off control. 22½ hours maximum ON time; ½ hour minimum ON time. 4¼x3x3". Handles 15A, 1875W.

53-858 . . . . . **11.95**

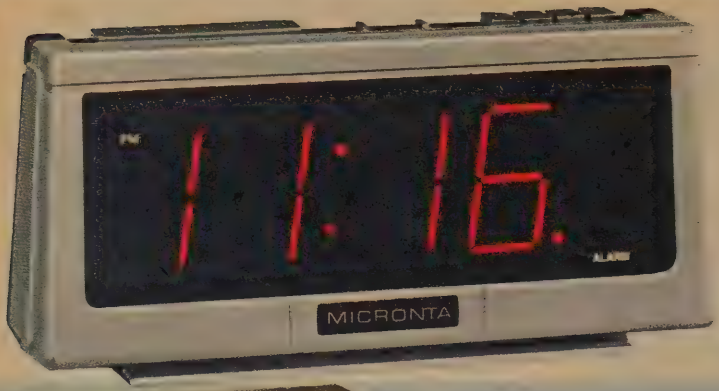
Compact Plug-In Timer

7.95 ***Leaves One AC Outlet Exposed***

Cordless—plugs into wall outlet. 2½ hours minimum ON time; 21½ hours maximum ON time. 4¾x2¾x1¼". Rated 15A, 1875W.

53-862 . . . . . **7.95**

Micronta® Electronic Clocks — Always On-Time



Jumbo LED Digital Alarm

34.95

NEW FOR '81

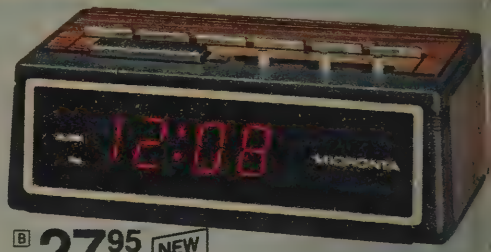
- *Large, Easy to See and Read Digits*
- *24-Hour Alarm • Snooze Control*
- *Hi/Lo Brightness • PM Indicator*

Tell time quickly and easily. Big 1.8" red display can be seen from across the room. Contemporary styling fits any decor. Features include slow/fast time and alarm set, and a delay for intermittent power loss. If power failure lasts more than 5 seconds, all digits flash when power is restored. 4⅛x8⅝x2½". U.L. listed.
63-823 ..... **34.95**

Available Sept. 30, 1980

A 29.95

A Fluorescent Digit Calendar Alarm. Bright green 0.6" digits show hours/minutes/month/date, plus AM and PM. Snooze control, 24-hour alarm, and 5-second delay for intermittent power failures. Brushed aluminum front, simulated woodgrain top panel. 3x 6⅞x4¼". U.L. listed AC operation. **63-817** **29.95**

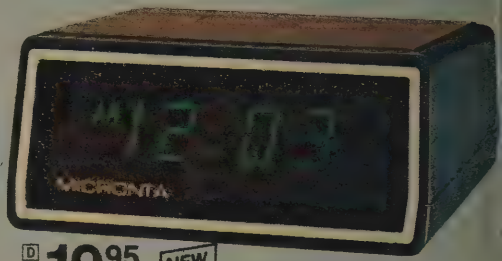


B 27.95 NEW FOR '81

B Dual Alarm Calendar Clock. Unique "his" and "hers" alarm settings allow two separate wakeup times without resetting the alarm time. Red 0.7" LED display shows date, time, alarm times and even a second time zone. Time and alarm can be set forward or reverse. Hi/lo brightness, PM indicator. 2½x6½x 3½". U.L. listed AC operation. **63-775** **27.95**

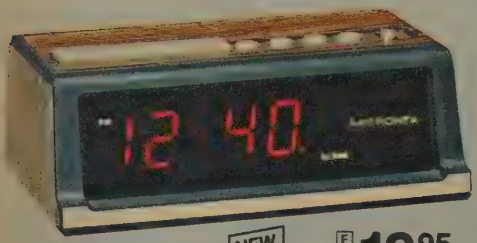
NEW FOR '81 **C 24.95**

C Digital LED Alarm. Hours/minutes plus AM indicator. Automatic display dimmer, big 0.9" digits, snooze button, 24-hour alarm, and 5-second delay for intermittent power loss. Attractive brushed aluminum front panel. 3½x6⅝x3". U.L. listed AC operation.
63-821 ..... **24.95**



D 19.95 NEW FOR '81

D Fluorescent Alarm Clock. Wake to a pleasant "beep" tone and then push down anywhere on the top of clock for "snooze." AM/PM indicators, 24-hour alarm, hi/lo brightness, 0.6" green display, fast/slow time set. 2x4½x4". U.L. listed. **63-751** **19.95**



NEW FOR '81 **E 18.95**

E LED Alarm Clock. Low-cost, accurate time in a feature-loaded, compact size. 0.7" red display, 24-hour alarm — set it for night or day, snooze control for a few extra minutes of rest, PM and alarm "on" indicators, and fast/slow time set. 2⅛x5½x3¼". U.L. listed AC operation. **63-822** **18.95**

F 19.95

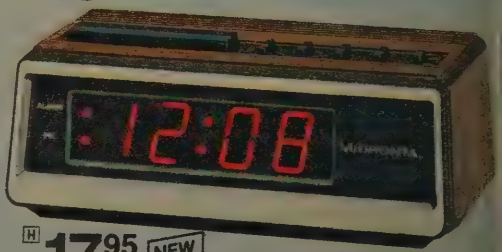
F Digital LED Alarm. Wakes you to a pleasant "beep" tone. Top-mounted alarm on/off and snooze bar. Display dimmer switch, PM indicator, and hidden pushbuttons for easy time and alarm set. Wake indicator shows alarm is on. 0.6" digits. 2⁹⁄₁₆x4x4⅜". U.L. listed AC operation. **63-814** **19.95**

G 19.95

NEW FOR '81

G Cordless Quartz Wall Clock. No more tangled power cords! Operates up to one year on alkaline "C" battery (not incl.). Quartz accuracy in an analog design, with "click-stop" second hand. Can be mounted on wall or placed on shelf. Simulated walnut grain finish. 10x10x2½". **63-801** **19.95**

Available Sept. 30, 1980



H 17.95 NEW FOR '81

H LED Alarm Clock. Our lowest-priced digital display time alarm. Distinctive styling and fit anywhere size. Features a 24-hour alarm that can be set to sound anytime, and for a few extra minutes of sleep — a snooze control. 0.7" red LED digits. 2⅛x5½x3". U.L. listed AC operation. **63-824** **17.95**

OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE — WE'RE NEAR YOU

The Shack's Dependable, Go-Anywhere Timepieces

Micronta Digital Wristwatches

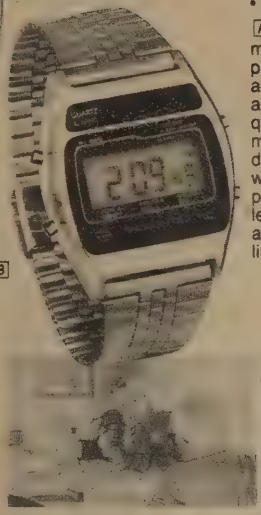
A **39.95**

NEW FOR 81

LCD Quartz Chrono Alarm Watch

- *Time with PM Indicator*
- *Stopwatch with Lap Time*
- *Reads Month, Day, Date*
- *24-Hour Alarm Setting*

A An electronic watch that does much more than just tell time. Always-on display gives up-to-the-second accuracy, and the press of a button shows day and date — all controlled by a precise quartz crystal. Large, backlighted numerals for easy reading — even in the dark. Easy-to-set alarm wakes you when travelling or reminds you of appointments. Alarm set indicator. Mineral lens. Integrated stainless steel band is adjustable without removing or adding links. With battery. **63-5006** **39.95**



B **29.95**

LCD Quartz Alarm Watch

- *Hours, Minutes, Seconds with PM Indicator*
- *Month, Day, Date Calendar*
- *Built-In 24-Hour Alarm*

B New low price! Same big features as above but without stopwatch. **63-5005** **29.95**

NEW FOR 81

C **19.95**

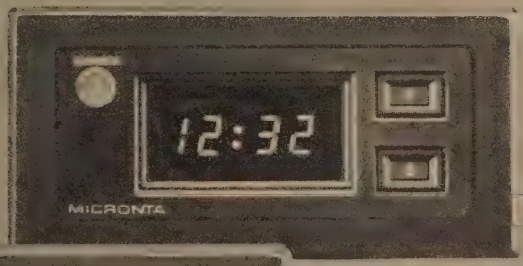
Sport LCD Quartz Chronograph

- *Accurate Time Plus Month, Date, Day • Stopwatch*

C Looks sharp and performs great. Shows hours, minutes, and seconds with PM indicator. Internal stopwatch is accurate to 1/100th of a second and features both lap and total timing. Large, easy-to-read display with backlighting. Handsome, black polycarbonate case. With battery. **63-5007** **19.95**

High-Performance Digital Car Clocks

A **23.95**



Versatile!

Both Models Mount Easily In Dash, Under Dash or Glovebox Door!

B **21.95**

Both Include Mounting Bracket and Brightness Control

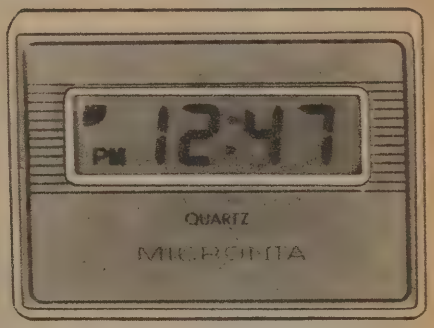
A **Fluorescent Display Mini Car Clock.** High contrast display adds beauty and convenience to any car. Automatic brightness. Display blanked out when ignition is turned off. 12VDC neg. gnd. 2⅛x4¼x1." **63-832** **23.95**

B **LED Mini Car Clock.** Same as above, but red LED display and manual brightness control. 1½x3½x1⅜." **63-833** **21.95**

LCD Quartz Travel Alarm

NEW FOR '81

27.95



- *24-Hour Alarm*
- *AM and PM Indicators*

Fits in the palm of your hand! Shows hours and minutes with quartz crystal accuracy. Features snooze control, backlighting for viewing in the dark, and "pop-out" stand. Perfect for business trips and vacations. Includes vinyl carrying pouch, battery. 1 15/16x2 11/16x⅜." **63-701** **27.95**

LCD Quartz Clock Calendar

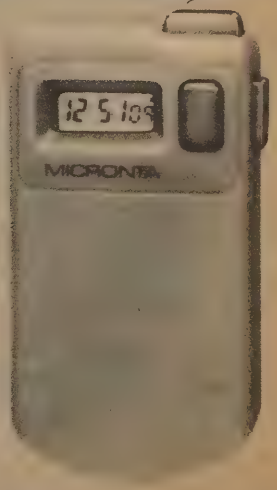
NEW FOR '81 **29.95**

- *Time and Date At a Glance*
- *Displays Seconds*

Accents any desk! Mounted in a clear plastic base and angled for easy viewing. Removable calendar plates show any month. Quartz control for precise time and date. 0.5" display. 4¼x6¼." Requires "AAA" battery. **63-725** **29.95**

Hand-Held 6-Digit LCD Stopwatch

29.95



- *Times to 1/100th of a Second*
- *Clock Reads Hours, Minutes, Seconds*

Outperforms conventional type watches because it's more accurate and easier to read. Doubles as a calendar to show month, date, and day. Liquid Crystal Display has backlighting for night use. Impact resistant molded case, carrying strap, battery. 3¼x1¾x9/16." **63-5003** **29.95**

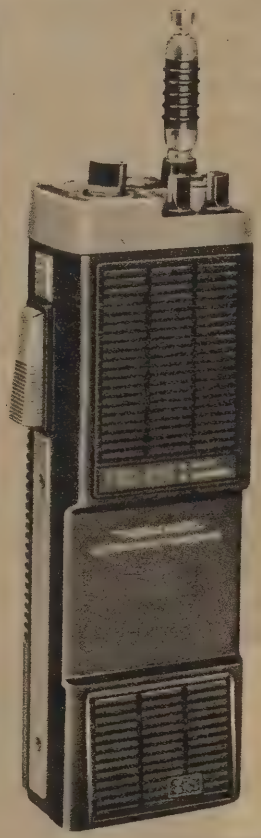
High-Power "Professional" CB Walkie-Talkies

40 Channels, 5 Watts

169.95

Carry Case Included

4.95 Value!



6 Channels, 5 Watts

99.95

[A] **Realistic® TRC-209.** Fully equipped for 40-channel operation—no extra crystals to buy! PLL synthesizer, LED frequency display, Range-Boost antenna system for extended signal reach, Hi-Lo power switch to conserve batteries. Also has battery/RF meter, squelch, separate speaker and condenser mike. Jacks for external speaker, antenna, hand mike (see p. 110), DC power, charger, earphone. 10x3½x2½." Requires 8 "AA" or 10 rechargeable batteries.
21-1660 . . . . . **169.95**

[B] **Realistic TRC-208.** Auto-modulation and gain controls, Range-Boost system, and center-loaded antenna for top "talk power." Battery/RF meter, separate speaker and condenser mike, center-loaded antenna. Hi/Lo power-saver switch, jacks for external antenna, speaker, push-to-talk, mike (p. 110), DC power, charger. 10¼x3½x2½." With crystals for Ch. 14—add optional-extra crystals for up to 5 more. Requires 8 "AA" or 10 rechargeable batteries.
21-1651 . . . . . **99.95**

[C] **Realistic TRC-206.** Center-loaded antenna, auto-modulation, plus exclusive Range-Boost—all for added signal reach! Separate speaker and condenser mike, squelch, LED indicators for modulation and battery test. Jacks for external antenna, charger. 9¾x3⅜x3." With Channel 14 crystals—add optional crystals for 2 more. Requires 8 "AA" or 10 rechargeable batteries.
21-1635 . . . . . **59.95**

[D] **Realistic TRC-201.** Auto-modulation for maximum talk power, always, plus Range-Boost antenna system for extended signal reach. Squelch, separate speaker and condenser mike, battery test button with LED indicator. 10¼x3⅛x2½." With Channel 14 crystals—add up to 2 optional crystals. Requires 8 "AA" or 10 rechargeable batteries. **21-1630** **49.95**

Push-to-Talk Mikes Plug Into Either 21-1660 Or 21-1651
(Optional Extra)
See Page 110

3 Channels 3 Watts

59.95

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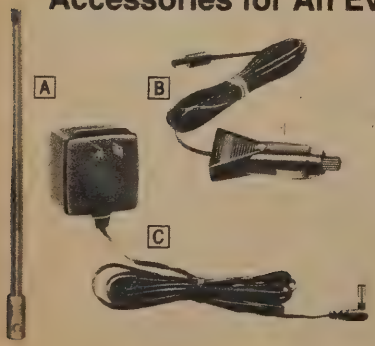

[A] **Flexible Rubber Antenna.**
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[B] **12VDC Car Power Cord**
Power your walkie-talkie from your lighter socket. Neg. gnd. only. 8' fused cord.
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[C] **Battery Charger**
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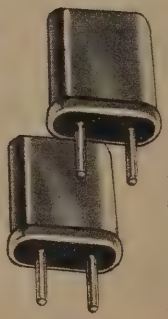
21-516 . . . . . **6.95**



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9	21-1202	4.98
10	21-1206	4.98
11	21-1207	4.98
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30*	21-1230	4.98
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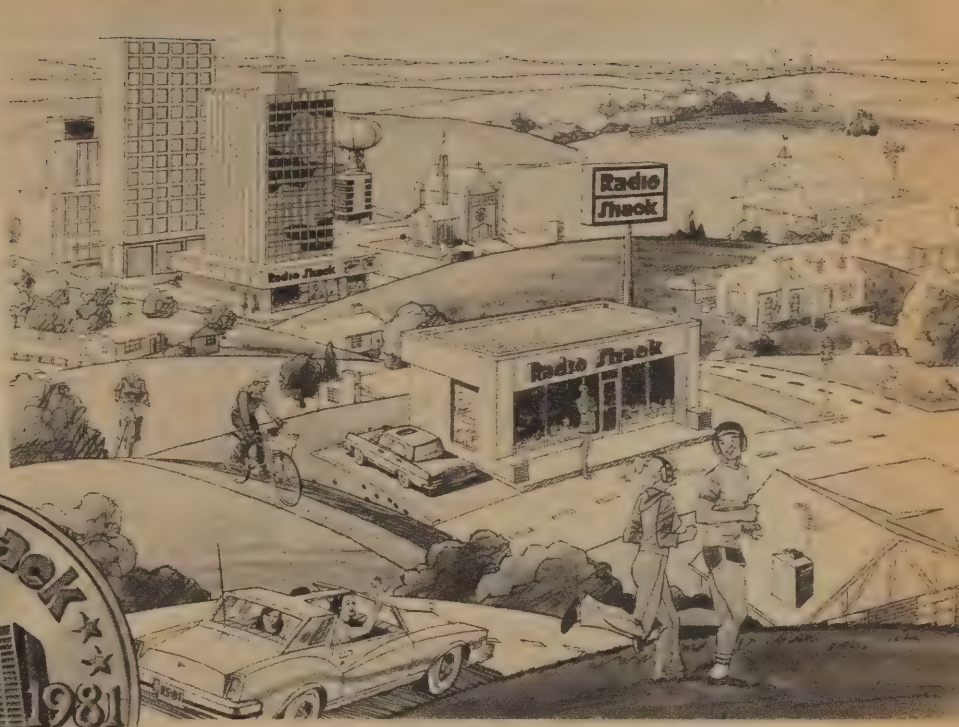

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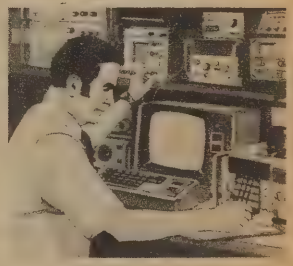

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Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
100-102	Antennas, TV/FM	10%	15%	20%	25%
103-106	Antenna Accessories	—	10%	20%	25%
4-23	Audio Components (Receivers, Amps, Tuners, Changers)	10%	15%	20%	25%
20, 24-28, 46-47, 60-61, 67	Audio Components (Speakers, Headphones, Microphones, Frequency Equalizers)	10%	15%	20%	25%
29, 46, 52-55	Audio Accessories	—	15%	25%	33%
66, 68-71	Auto Tape Players, Radios, Accessories	10%	15%	20%	25%
142-144	Batteries (RS Brands)	—	10%	20%	30%
143	Batteries (Other Brands)	5%	7%	10%	20%
76, 168	Books	10%	20%	25%	33%
164-167	Calculators	5%	10%	15%	20%
86-87, 107-109	CB Transceivers (Base, Mobile, Walkie-Talkies)	10%	15%	20%	25%
110-113	CB Antennas and Accessories	—	10%	15%	20%
169-170, 172-176	Computers/Peripherals (Hardware)	—See Store Manager—			
168, 171	Computer Software, Books, Accessories	10%	15%	17%	20%
116-133	Electronic Components—Wire	—	10%	25%	33%
64	Intercoms	10%	15%	20%	25%
145-147	Kits (Science Fair & ArcherKits)	5%	10%	15%	20%
62-63	PA Equipment (Amplifiers)	10%	15%	20%	25%
48-51	Phonos (Portables, Compacts)	5%	10%	15%	20%

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Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
152-161	Radios (Clock, Portables, Stereo Novelty)	7%	12%	17%	20%
148-149	Radio-Controlled Toys	5%	10%	12%	20%
41	Records, Prerecorded Tapes	10%	15%	20%	33%
75-77, 162-163	Scanners, Communications Receiver, Accessories	10%	15%	20%	25%
79-83	Security Devices	7%	12%	20%	25%
56-58, 72, 73	Speakers, Unmounted	10%	15%	20%	25%
30-39	Tape Recorders and Players	7%	12%	17%	20%
40-42	Tape, Blank Recording	—See Pages 40-42—			40%
42-45	Tape Accessories	—	10%	20%	25%
2, 93-99	Telephones, Dialers, Amplifiers, Answerers	7%	12%	17%	25%
91-92	Telephone Accessories	—	10%	25%	33%
110, 114-115, 141	Test Equipment	10%	15%	20%	25%
83-85, 87	Timers, Electrical Accessories, Clocks, Watches, Treasure Finders	5%	7%	10%	20%
134-140	Tools and Hardware	5%	7%	10%	20%
123	Tubes (May be Assorted)	10%	15%	25%	33%
150, 151	Electronic Games/Space Patrols	5%	10%	12%	20%

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Garden Grove, CA 92641
(714) 894-1371

MIAMI
5589 No. University Dr.
Lauderhill, FL 33321
(305) 741-9497

MINNEAPOLIS
8980 Hickman Rd.
Suite C
Des Moines, Iowa 50322
(515) 278-0399

NEW ORLEANS
Suite 325
5118 Park Avenue
Eastgate Office Building
Memphis, Tennessee 38117
(901) 761-0423

NEW YORK
Box 281
Brookfield, CT 06804
(203) 792-5552

NORFOLK
Pembroke Office Park
Pembroke Two—Suite 301
Virginia Beach, VA 23462
(804) 499-1267

PHILADELPHIA
Box 24
Palmyra, NJ 08065
(609) 829-8506

WASHINGTON, D.C.
P.O. Box 214
Palmyra, NJ 08065
(609) 829-3940

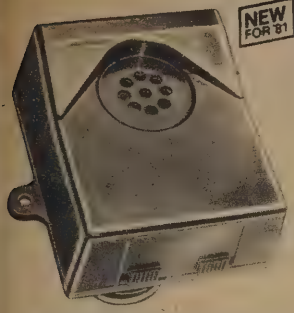
SEATTLE
1607 116th N.E. Suite 108
Bellevue, WA 98004
(206) 455-3272

SAN FRANCISCO
1291 E. Hillsdale Blvd. #211
Foster City, CA 94404
(415) 574-8963

NATIONAL PERSONNEL
500 One Tandy Center
Fort Worth, TX 76102
(817) 390-3011

THERE'S A RADIO SHACK STORE NEAR YOU—WHEREVER YOU ARE

Cords, Jacks and Accessories for Telephone Flexibility



NEW FOR '81

Outdoor Extension Ringer

19.95 ***Low Cost Alternative to a Second Phone***

Produces a pleasing tone. Volume control. Weather resistant. Use on patio, in garage, workshop, anywhere. Built-in modular jack for simple installation.
279-376 ..... **19.95**

Modular Phone Accessories

[A] **Quick-Plug.** Allows conversion of any phone for modular phone jacks. Accepts spade lugs or bare leads. **279-375** **2.49**

[B] **In-Line Coupler.** Interconnects two modular line cords for extension of phone system. **279-358** **2.95**

[C] **Quick-Connect Jack.** Adapts standard block for modular use. With spade terminal wires. **279-355** **2.19**

[D] **Duplex Jack.** Connects 2 phones, phone and amp. or answerer from one jack. **279-357** **6.95**

[E] **Cord Adapter.** Converts modular phone plug to 4-prong plug. Connect a modular phone to a non-modular jack. **279-351** **4.95**

[F] **Wall Plate.** Flush mount a modular jack in any standard outlet. With hardware. **279-352** **5.95**

[G] **Handset Cord.** 18′ silver-satin coiled cord for replacement or extension use. **279-361** **6.95**

[H] **Universal Instant Jack.** Converts standard block or 4-prong jack to modular and 4-prong jack. **279-360** **6.95**

[I] **Modular-Modular Line Cords.** Extension replaces shorter cords. Both ends terminate with modular plugs.
12′ Long. 279-374 ..... **4.95**
25′ Long. 279-356 ..... **5.95**

[J] **Modular Jack.** For new installations or replacing 4-prong jacks. Surface mount. With hardware. **279-353** **5.95**

[K] **25′ Converter/Extension Cord.** Modular end fits modular jacks. Other end has spade-lugs. **279-364** **5.95**

[L] **Plug Adapter.** Converts 4-prong to modular plug. **279-365** **4.95**

[M] **Modular Extension Cords.** Terminations are modular plug and duplex modular jack.
12′ Long. 279-373 ..... **7.95**
25′ Long. 279-363 ..... **8.95**

4-Prong Accessories

[N] **Extension Cords.** Flexible 4-conductor cable with jack and plug.
15′ Long. 279-1260 ..... **2.29**
30′ Long. 279-1261 ..... **3.99**

[O] **Wall Jack.** 4-prong jack with wall plate fits standard-size cutout.
279-1507 ..... **2.59**

[P] **Jack-In-a-Plug.** Permits two or more phones to be connected to one jack. **279-369** **1.89**

[Q] **Jack.** Accepts standard 4-prong plug. With hardware.
279-367 ..... **1.49**

[R] **Quick-Disconnect Jack.** Converts standard phone block to 4-prong jack. **279-368** **2.19**

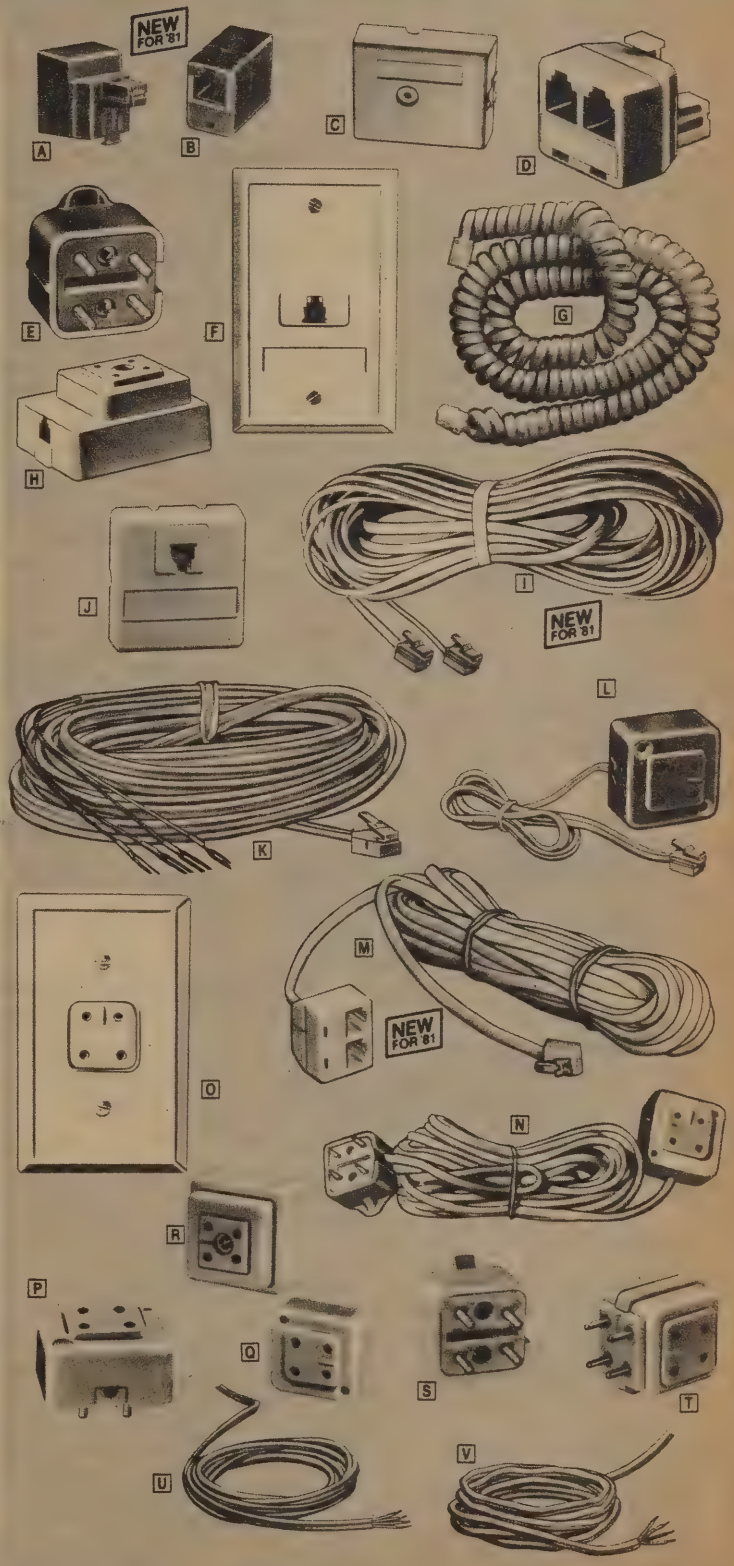
[S] **Plug.** Mates with any standard 4-prong jack. **279-366** **1.29**

[T] **Dual Jack-In-a-Plug.** Permits use of two phones from one plug.
279-370 ..... **2.29**

4-Conductor Phone Cables

[U] **50′ 4 Conductor Modular Telephone Cable.** Silver-satin flexible flat cord. **278-365** **5.49**

[V] **50′ 4 Conductor Round Telephone Cable.** Flexible beige cord.
278-372 ..... **5.49**



Phone Helpers That Get You More Talk for Less Money

Convert Your Rotary Dial Phone to Touch-Dialing

34.95

Easy Thread-On Installation

Not for GTE Phones

Handset not Included

Updates rotary dial phone to touch-dialer (in tone dial areas only). Just touch the numbers and crystal-controlled frequencies are produced for each digit. No batteries required—line powered. Beige. **43-130.** **34.95**

Own Your Own Rotary Dial Deluxe-Fone

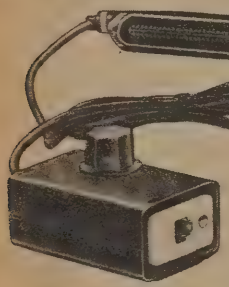
34.95

Brand New, Not Rebuilt

Simple to Install, Simple to Use, Easy on Your Budget!

Just as stylish, rugged and reliable as telephone company models. Easy to install—cord plugs into any modular phone jack for a lifetime of dependable service. Economical too! Saves on your monthly bill. Molded handset has coiled cord that stretches up to 4′. Bell with volume control, 7′ base cord, modular plug.
White, 43-301. Beige, 43-302 . . . . . **34.95**

Multi-Line Switch



39.95

4-Line Selector Installs Easily

Connect single-line amplifiers, telephones and answering machines to multi-line systems. Install it yourself with just a screwdriver. 3′ cord with Amphenol connector. FCC approved. **43-235** **39.95**

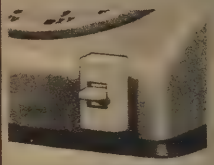
Telephone Recording Control

24.95

Great for Keeping "Business by Phone" Records

Just plug into a cassette recorder—invaluable for anyone who relies on orders or information taken by phone. FCC approved. 2½x2½x1¼" (not for party line use).
43-236 . . . . . **24.95**

Telephone Silencer

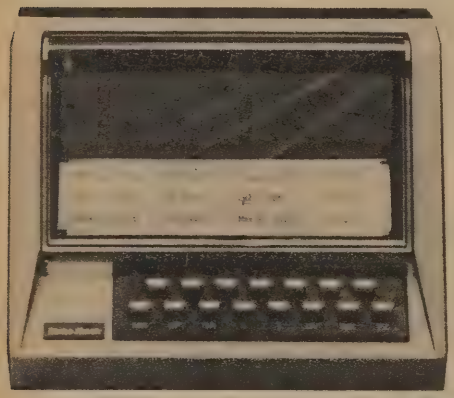


6.95

Don't Be Disturbed

Silencer ends intrusive calls anytime you'd rather not talk. Attaches easily to all styles. Just 1″ high. **43-125** **6.95**

Automatic Directories Put Information at Your Fingertips



NEW FOR '81

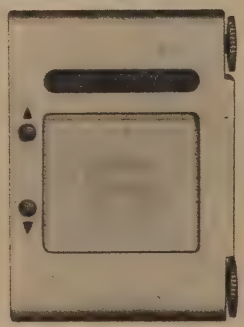
Get Instant Access to Any Name/Number Contained in Your Private Directory!

A **24.95**

Very Convenient, Very Affordable!

NEW FOR '81

C **5.95**



B **6.95**

A **Desk Top Automatic Directory.** Lets you recall as many as 350 numbers with the touch of a key. Data file rotates electrically, easily to the listing you desire. 4⅝x5¾x7⅜". Requires 2 "C" batteries. **43-105** **24.95**

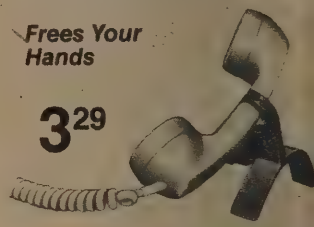
B **Portable Hand Directory.** Rapidly locates any of 390 names and numbers in forward or reverse. Requires 2 "AA" batteries. **43-112** **6.95**

C **Pocket Directory.** Use it anywhere! Measures only 3x5x¾" but holds up to 200 names and numbers. Requires 2 "AAA" batteries. **43-109** **5.95**

Rest-a-Phone

Frees Your Hands

3.29



Now you can write or work while you talk. Attaches easily to phone. **Beige. 43-120** **3.29**
White. 43-121 . . . . . **3.29**

Stick-On Ballpoint Pen

89¢

Never go looking for a pen while on the phone again! Adhesive-mount back attaches easily to telephone or any other smooth surface.
43-110 . . . . . **89¢**

RADIO SHACK DIRECT-CONNECTING ACCESSORIES MEET FCC STANDARDS, ARE COMPATIBLE WITH OTHER EQUIPMENT

All-in-One Phones Make Special Conversation Pieces

One-Piece Tone Dial Phone

54.95

Exclusive "Mini" Design

Radio Shack ET-100T. True tone-signal dialing allows you to use "bank-by-phone" services and use other computer-related telephone services. High-speed tone dialing gets your calls "through" faster, plus you get personal-size "hang-up-anywhere" convenience. FCC approved. Beige. **43-283** **54.95**

Radio Shack's "Mini," The Personal All-Electronic Phone

49.95

- ***Compact One-Piece Design—Just 2¼x1½x7"***
- ***Tone Ringer with Silent/Low/High Switch***
- ***Mute Switch Silences Outgoing Voices***

Radio Shack® ET-100. The personal telephone of tomorrow can be yours today! Mute switch eliminates the need to cover the mouthpiece with your hand. Silent/Low/High ringer switch—you'll never be disturbed by unwanted calls! (Not for party or multi-line use.) FCC approved.

White Mist. 43-284 . . . . . **49.95**
Dark Brown. 43-285 . . . . . **49.95**

"Hangs Up" on Any Flat Surface

Auto-Redial & Universal Dial System

Auto-Redial: Easy one-button redialing of last number entered if it was busy or didn't answer.

Universal Dial System: Pushbutton operation on any line, rotary or tone, without extra charges!

Nostalgic, Elegant Decorator Phones Add a Bright Accent to Any Room

French-Style Phones Make Classy "Conversation Pieces"

59.95

69.95

Continental-Style Buzzer—Not a Bell

The elegance and charm of the "Left Bank" combine classic design with quality components for years of reliable service. "Continental-style" buzzer and ornamental handset create a mood of European elegance. 7' base cord, modular plug.

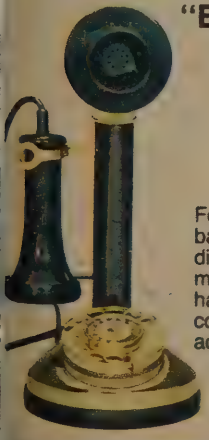
White, Golden Trim. 43-326 . . . . . **59.95** **Gold Color, Ivory Trim. 43-325** **69.95**

Pushbutton French-Style

74.50

Enjoy the pushbutton convenience of Automatic Redial and Universal Dial System encased in a French-style decorator phone. "Continental-style" buzzer—no bell. 7' base cord, modular plug. White with golden trim. **43-328** **74.50**

"Bonnie 'n Clyde"



Roaring 20's Classic Styling

79.95

Features elegant all-metal base design with a rotary dial and lightweight molded body for easier handling. Black with gold colored base and trim—adds a touch of nostalgia. Includes black handset cord, 7' base cord, modular plug.
43-321 . . . . . **79.95**

"Cutie" Telephone

69.95

A Real Conversation Piece

Very pretty, very petite, fits on the smallest table, adding elegance to any room. Ivory colored and accented with golden trim. Coiled handset cord, 7' base cord, modular plug. **43-324** **69.95**

French Continental

Capture the "Left Bank" Spirit

79.95

14-carat gold filigree and ivory-colored base add to the "Old World" charm of this antique style phone. Complete with 7' base cord, modular plug. **43-320** **79.95**

IMPORTANT: The very latest in home decorating, self-expression and convenience is buying your own telephones and accessories. It's all perfectly legal and can save you money, too! Ready to plug into standard telephone jacks. All are FCC approved.

No More Missed Calls—Automatic Phone Answerers

Phone in from Anywhere to Get Your Messages

159.95

- ***Answers Phone, Records Messages***
- ***Remote Control Playback and Reset***

DUOFONE® TAD-20. Greets callers with your choice of two announcements and records up to 30 messages of 25 seconds each. Features include built-in condenser mike, pushbutton controls, message counter plus the convenience of remote control. Includes cord and modular plug. 3¼x10¾x7⅞." U.L. listed AC operation. (Not for party or multi-line use). FCC Approved.
43-257 . . . . . **159.95**

Pocket remote lets you hear your messages through any telephone —wherever you are!

Answering Systems at Money-Saving Prices

Our Lowest-Priced Answerer

- ***Records Up to 17 Calls for Later Playback***
- ***Battery Operated • Fast-Forward Control***

59.95

DUOFONE TAD-10. Answers callers with your pre-recorded 15 second message. Records and stores their reply for playback at your convenience. A message flag shows if anyone has called. 3x8⅜x5¾." Requires 3 "D" batteries. With instructions, modular plug. (Not for party or multi-line use). FCC Approved. **43-254** **59.95**

Answering System with Extra Features

- ***Records Up to Thirty 25-Second Calls***
- ***Built-In Condenser Mike • Delay Control***

99.95

DUOFONE TAD-15. Never miss another call! Answers incoming calls with your choice of two messages. Answer-delay control selects the number of rings (1-7) needed to activate the unit. Built-in message counter tells you at a glance the number of calls received. Quick-Erase makes resetting for more calls fast and easy. 3x10⅞x7⅞." Includes instructions, cord and modular plug for easy installation. Requires 3 "D" batteries. (Not for party or multi-line use). FCC Approved. **43-256** **99.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Deluxe Cassette Answering Systems Keep You in Touch

Answerer with Remote Control and Voice Activation

NEW FOR '81

299.95

- ***Remote Control Lets You Hear Your Messages from Any Phone***
- ***Records Messages As Long As the Caller Keeps Talking (3-Minutes Maximum)***
- ***Microprocessor Controlled***

DUõFONE TAD-31. The ultimate in phone answering systems. Controlled voice activation continues recording message as long as it recognizes the sound of a voice. Voice controlled announcement lets you record outgoing messages up to 45 seconds in length. Even records two-way conversations. Call monitor lets you screen unwanted calls. Remote backspace allows you to hear individual messages without waiting for the entire tape to rewind and replay. LED message counter shows you at a glance how many calls were received. Adjustable to answer on one to five rings. 8¾x11¾x3⅛". U.L. listed. FCC Approved.
43-262 . . . . . **299.95**

Playback phone messages with remote unit anytime, anywhere!

Check These DUõFONE Features

Feature	TAD-31	TAD-26
Uses standard cassettes for easy replacement	X	X
Remote Control	X	X
Call Monitor	X	X
Announce Only	X	X
Voice Actuation	X	
Digital Call Counter	X	
Remote Backspace	X	

Dual-Cassette Phone Answerer with Remote Control

239.95

NEW FOR '81

Remote control lets you play back calls through any phone and reset for more!

- ***Microprocessor Controlled***
- ***Monitor Feature Lets You "Screen" Incoming Calls***

DUõFONE TAD-26. Don't miss important phone calls! Easy-to-install, answers with your own 20-second announcement, then records caller's message for up to 30-seconds. Call your own number from any phone and receive your messages by remote control. With plug-in mike. Works with rotary dial or pushbutton systems. Adjustable to answer in one to five rings. Attractive molded woodgrain cabinet. 8¾x11¾x3⅛". U.L. listed. FCC Approved. **43-259** **239.95**

Extra Outgoing Cassette (20 seconds).
43-401 . . . . . **5.95**

Extra Incoming Cassette (Leaderless C-60).
43-410 . . . . . **2.29**

Check on home messages from work . . .

on office calls when away on business . . .

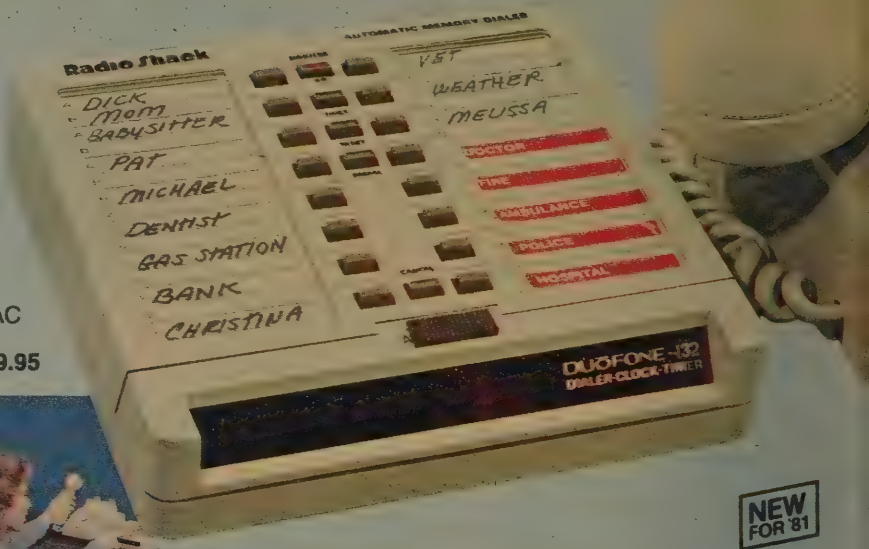
or just keep in touch at anytime!

Electronic Dialer! Store and Auto-Dial 32 Numbers

- *Dials Any of 32 Numbers at the Touch of a Single Button*
- *Features Time-Saving "On-Hook" Dialing*
- *With Built-In Speaker Monitor*

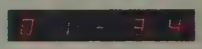
99.95

DUõFONE®-132. Push just one button and it "dials" any number you've stored in the memory—saves time and completely eliminates dialing errors! Easy-to-read LED display blinks while the number is dialed, and it also operates as a digital clock or timer. Modular connections for simple plug-in installation on single-line phones. (Requires adapter for multi-line use.) Stylish 2⅝x6¼x6" case. Includes AC adapter. Requires 9V battery for memory protection. FCC approved. **43-281** **99.95**



NEW FOR '81

Displays the number as it dials—even long distance area codes



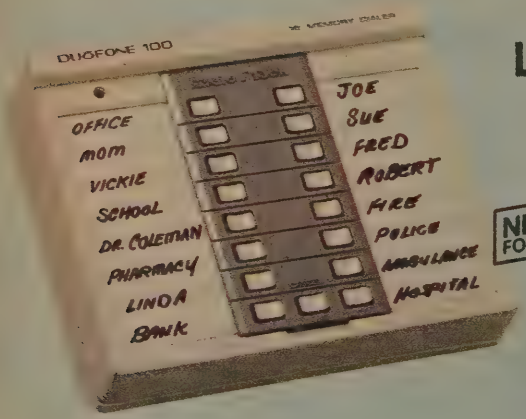
Convenient built-in digital clock

Timer keeps tabs on long distance calls

Includes U.L. listed AC adapter

Works with Tone or Dial Phones

Low-Priced Dialer with 16-Number Memory



49.95 ***Save Valuable Time—Dial Any One of 16 Numbers Stored in Memory at the Touch of a Single button***

NEW FOR '81

DUõFONE-100. Eliminate wasted time spent dialing or looking up frequently-called numbers! Totally reliable, you can instantly "dial" emergency numbers without fumbling for the number or misdialing. Works with tone or dial phones, storing 16 numbers up to 15 digits long. LED indicator for memory and dialing. U.L. listed AC operation with included adapter. 2¼x5 3/16x4½." Requires 2 "AA" batteries for memory protection. Not for party or multi-line use. FCC approved. **43-279** **49.95**

Available Nov. 30, 1980

Two-in-One Telephone/Automatic Dialer

- *Store Up to 16 Numbers in Memory for Instant Use*
- *Automatic Redial Button*

99.95

NEW FOR '81

Speeds Business Calls—No Dialing Errors

Speeds Frequently Called and Emergency Numbers

DUõFONE-10. This handsome automatic telephone system puts frequently-called friends, associates—and emergency numbers like police and fire—just a "touch" away! Dial any of 16 numbers at the touch of a single button, then pick up the built-in telephone to talk. It's speedy, efficient and reliable—makes an invaluable addition to your home or business. Fifteen-digit capacity for storing up to 16 phone numbers. 10x5½x3¼." Requires 4 "AA" batteries. For single-line use only. FCC approved. **43-291** **99.95**

Auto-Redial & Universal Dial System

Auto-Redial: One-button redialing of last number called if it was busy or didn't answer! Universal Dial System: Pushbutton operation on any line, rotary or tone, without extra charges!

MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

Spectacular "Everything" Phone—Auto-Dialer/Telephone/Amplifier

- *16-Number Memory Dialer*
- *Two-Way Amplifier*
- *Standard Telephone*

129.95

Features Auto-Redial & Universal Dial System!

AUTO-REDIAL: One-button redialing of any number that may have been busy or did not answer—local or long distance!

UNIVERSAL DIAL SYSTEM: The convenience of pushbutton operation, on any phone line, rotary or tone, without extra charges!

DUõFONE®-16. Now there's a phone that gives you total calling convenience! It lets you store frequently-called numbers—or those you might need during an emergency—and call them at the touch of a single button. Each of the 16 memory numbers has a 15-digit capacity, and a battery-powered backup system maintains the memory in case of a power failure. There's also a built-in 2-way amplifier and on-hook dialing, which means you never have to lift the receiver if your hands are busy. 3 11/16x8 5/8x9 13/16." Requires 4 "AA" batteries. For single-line use only. FCC approved. **43-290** **129.95**

Automatically dials with accuracy in an emergency

Pays for itself in time saved at the office

Operates as a standard phone in any setting

Telephone Answering System—Take Your Messages on Cassettes

169.95

- *Voice-Actuated—Takes Any Length Messages*
- *Records Incoming Calls for Later Playback*
- *Plays Pre-Recorded Cassette Tapes*
- *Works as a Recorder or Dictating Machine*

DUõFONE TAD-25. Packed with features to make your telephone a super-efficient message and dictation system! Answers incoming calls with your 20-second prerecorded message. Red message-received light tells you at a glance if a message has been recorded. The TAD-25 can also be used to "screen" incoming calls. 2 5/8x10x14 1/4." U.L. listed AC operation. Not for party or multi-line use. Modular plug included. FCC approved.
43-260 . . . . . **169.95**

Extra Outgoing Message Cassette. (20 second)
43-401 . . . . . **5.95**

Extra Incoming Message Cassette. (Leaderless C-60)
43-410 . . . . . **2.29**

① Announce Tape Test button
② Light shows answerer is ready to receive incoming calls
③ Built-In Condenser Mike
④ Tape Record button for use as a conventional recorder
⑤ Message-Received Light
⑥ Ring Adjuster Control
⑦ Slide Volume Control

The Widest Selection of Phone Amplifiers Anywhere

Deluxe Telephone Amplifier

NEW FOR '81

49.95

Available Sept. 30, 1980

- ***New Design IC Chip for Superior Performance***
- ***Phone Line-Powered—No Batteries Required***

DUõFONE®-101. Attach this handy amplifier to your phone and carry on a conversation while preparing meals, taking notes or just moving around—no longer are you restricted by the length of a cord. Take "family" or conference calls—automatic talk/listen switching lets several people join in the conversation. Push "Mute" button when you want to hear but not be heard, On/Off button to take calls—your regular phone stays on the hook. Slide-volume control, modular connector for easy installation.
1 11/16x6 11/16x11 1/2." **43-277** **49.95**

Complete Amplified Telephone

- ***"Hands-Free" Conversations***
- ***Adjustable Volume***
- ***Privacy Button***
- ***Phone Line-Powered***

NEW FOR '81

59.95

DUõFONE-12. Features pushbutton dialing and built-in amplifier—for hands-free talking and listening! Also takes conference calls at work or long distance calls where your whole family can listen and talk together. Privacy button allows you to listen but not be heard, redial button automatically dials last number entered. Connects quickly and easily using modular connector, works on tone or rotary dial lines. 2 1/2x5 1/2x8."
43-295 . . . . . **59.95**

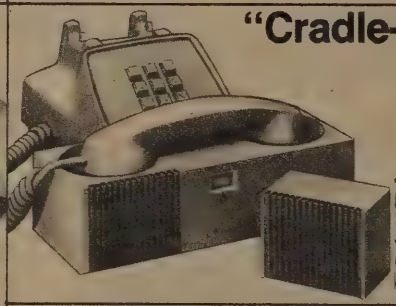
Compact Telephone Amplifier

29.95

- ***Privacy Switch Mutes Out-Going Messages***
- ***Phone Line Powered—No Batteries Required***

Make family and conference calls with "hands-free" convenience! Ideal for use at home or work, amplifies both talk and listen—with automatic switching. To use, simply tap Amplifier Bar when phone rings and leave your regular phone on the hook. Volume control, mike sensitivity and privacy switches. 3 5/8x6x4 1/8" case. With 5 ft. cord, modular plug.
43-276 . . . . . **29.95**

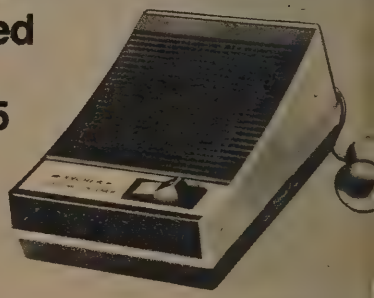
"Cradle-Style" Amplifier



15.95 ***Listen Through Speaker or Earphone Jack***

Just place handset in cradle to amplify incoming calls. Volume control. Requires 9V battery. Amplifier, 10 1/2x4 1/2x3 1/4." Speaker, 3 1/2x2 1/2x2 1/4." (Cradle does not fit GTE phones.)
43-230 . . . . . **15.95**

Economy-Priced Listener



Easy Hookup—No Wiring Required **9.95**

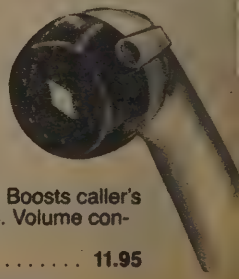
Amplifies incoming calls so others can listen in. Suction cup pickup coil attaches/detaches easily. Volume control. Requires 9V battery. 2x3x4 3/4." **43-231** **9.95**

Telephone Handset Amplifier

19.95 ***Ideal for the "Hard-of-Hearing"***

Simple plug-in installation between handset and phone. Adjustable volume and tone controls. Allows you to "tune-in" on long distance and other calls when the connection isn't just right. Phone line powered—no batteries required.
43-237 . . . . . **19.95**

Snap-On Amplifier



11.95

Attach to earpiece. Boosts caller's voice up to 5 times. Volume control. With battery.
43-238 . . . . . **11.95**

ALL DIRECT-CONNECTING RADIO-SHACK, ARCHER AND DUõFONE ACCESSORIES MEET FCC APPROVAL

The Latest in Portable, Cordless Pushbutton Phones

Make and Take Calls Anywhere—Indoors or Outdoors!

"Call" Pushbutton Works Like a Pager, Signals the Handset with a Tone!

New Low Price!

199.95

Was 219.95 in 1980 Catalog

- *No Wiring—Installs in Minutes*
- *FCC Approved • Clear Sound*
- *Works Up to 300 Ft. from Base Unit*
- *Rechargeable Batteries Included*

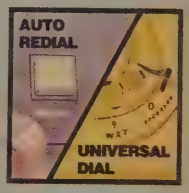
DUōFONE ET-300. The ultimate telephone—convenient cordless handset accompanies you from room-to-room and even outside! Operates just like a standard telephone, without the inconvenience of a cord. Easy to install—just give your telephone company the Ringer and FCC numbers, then plug the base/recharger into AC and a modular jack.* To answer or make a call, flip the talk switch and raise antenna. When call is over, set the switch to "standby" and you're ready to receive or make another call. 8⅝x7⅛x2¾" base unit has built-in modular jack for your regular phone. Small, light-weight handset measures 2½x6¾x1¼." FCC registered, U.L. listed AC operation. (Not for party lines.)
43-265 . . . . . **199.95**

Make Calls While Walking Your Dog . . . or Take Calls While Relaxing at Poolside!

Universal Dial and Auto Redial Included!

Universal Dial System: convenient pushbutton operation on any line, rotary or tone, without extra charges!

With Auto-Redial, you get easy one-button redialing of last number entered if it was busy or didn't answer!



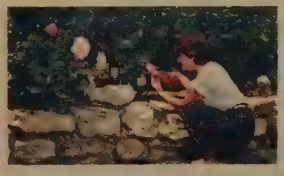
Exciting Low Price! Full-Duplex Cordless Incoming-Call Telephone

- *Prevents Outdialing—Great for Restaurants, Offices*
- *Communication Range of Up To 600 Feet*
- *Rechargeable Batteries Included in Handset*

119.95

DUōFONE ET-310. Take phone calls in any room, basement, garage, yard—even in a neighbor's yard! Also ideal for use where you wish to prevent outdialing—use it at clubs, warehouses. To answer calls, just flip the talk switch and raise antenna on the cordless handset. 2¾x8⅝x7⅛" base unit installs quickly with modular connector, includes built-in modular jack for use with your regular phone and LED indicator for recharging. Portable 2½x6¾x1¼" handset has on-off power switch and Hi/Lo voice switch for noisy areas. FCC registered, U.L. listed AC operation. (Not for party lines.)
43-264 . . . . . **119.95**

It's the Phone YOU NEED If you're Busy at Work . . . or Just Busy Working at Home!



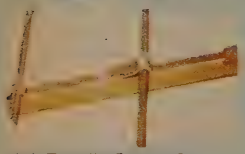
*If you don't have a modular jack, most telephone companies will install one for a small, one-time charge—or you can use a Radio Shack adapter. See page 91.

MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

ARCHER®

Color Supreme II

Three Antennas in One! VHF • UHF • FM



High-Tensile-Strength Aluminum for Long Life, Weather Resistance

UHF Yagi and Corner Reflector Combination For Strongest Reception of UHF Channels 14-83

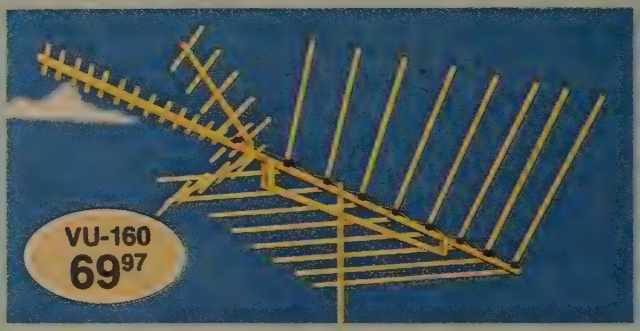
Snap-Out Brackets for Easy Installation

Air-Insulated Multiple Drive System

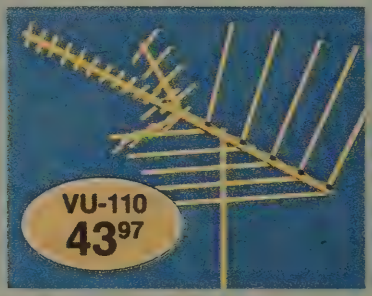
Square Boom with Specially Designed No-Tilt Clamp

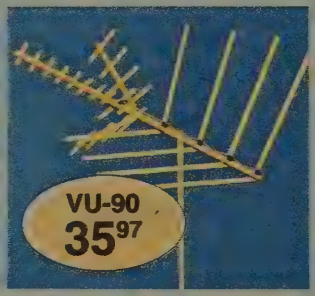
Extra-Heavy High-Impact Molded Insulation

Get Visibly Better Pictures in Any Area!



VU-160 and VU-120 Include Cradle Mount Assembly (See Page 101)





Receive Channels 2 Through 83, Plus FM, With a Single Antenna

- *Gold Alodized to Fight Corrosion—Keeps Antenna Working and Looking Like New*
- *60° "Swept-Design" VHF Elements in Triangular Alignment Aid Signal Pickup and Transfer, Withstand Strong Winds and Icing*
- *Pre-Assembled—Install It Yourself and Save*

$3.99-Value Signal Splitter Included!

Separate VHF-UHF-FM Outputs, Only One Down-Lead Required

Only by manufacturing our own antennas here in the USA is Radio Shack able to offer these spectacular antenna values. Our dynamic Color Supreme II Series features 60° wide-swept elements that capture signals to make colors "come alive" and black-and-white pictures crisper, even on "hard-to-get" channels. If you own a hi-fi system, these antennas also provide the FM signal necessary for full stereo channel separation. Alodized® finish fights corrosion. Factory preassembled, you can install one in no time. There's a Color Supreme to fit your needs!

Choose the Color Supreme that Meets Your Reception Needs

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640

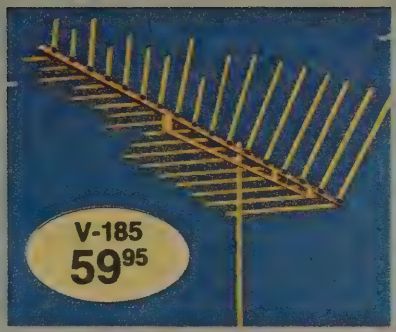
*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT, OPEN TERRAIN. MASTS NOT INCLUDED.

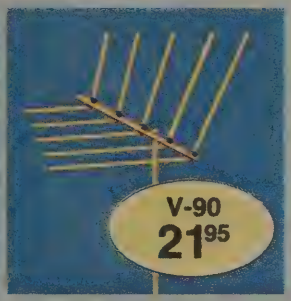
Color Eagle II

Archer Custom-Design VHF-TV and FM Antennas

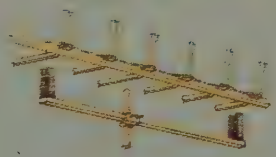
- *60° "Swept-Wing" Design Aids VHF Signal Pickup*
- *Gold Alodized® to Fight Corrosion*
- *Extra-Strong Square Boom Resists High Winds*

Engineered specifically for VHF channels 2-13 and 88-108 MHz FM stereo or mono. Color Eagle II antennas feature an air-insulated multiple drive system to achieve flat frequency response. Equipped with rustproof terminals for down-lead connections and self-locking, snapout elements for strength and rigidity. Factory preassembled for quick and easy installation.





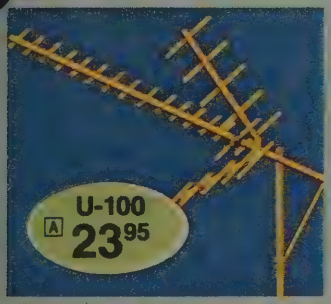
Archer Model	Range in Miles*		Boom Length	No. of Elem.	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-150	150	100	120"	20	15-1653
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651
V-60	60	40	30"	6	15-1650



Cradle Mount Assembly

Labor-Saving Installation Aid Included with Every Twin-Boom Archer Antenna (VU-160, VU-120, V-185, V-150, and "Stereo Supreme") Makes Installation Safe, Fast and Easy!

UHF — Specially Designed for TV Channels 14 thru 83



A Corner-Reflector Yagi — Up to 100 Miles:* 25 elements, 80" square boom, gold-Alodized finish. **15-1661** **23.95**

B Corner-Reflector Yagi — Up to 75 Miles:* Narrow pattern, wide aperture. 16 elements. 40" boom. Alodized finish, pre-assembled. **15-1660** **16.95**

C Corner-Reflector — Up to 50 Miles:* Vertically directional to cut "airplane flutter." **15-1629** **10.95**

D Multi-Bay Bow Tie — Up to 70 Miles:* 30" boom. **15-1627** **11.95**

FM — Archer FM Antennas for Better Hi-Fi Reception

A "Stereo Supreme" Directional — Up to 175 Miles:* Ten triple-drive elements for maximum multi-path rejection. 120" long, 1" square boom. Pre-assembled. **15-1638** **29.95**

B Triple Driven 6-Element Directional — Up to 110 Miles:* Full gain to bring in distant stations clearly. **15-1636** **16.95**

C Omnidirectional Outdoor — Up to 50 Miles:* Circular 360° pickup pattern. Weather resistant, pre-assembled. **15-1639** **11.95**

D Omnidirectional Attic or Outdoor — Up to 35 Miles:* "S" design brings in station from any direction. Pre-assembled. **15-546** **6.95**

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT, OPEN TERRAIN. MASTS NOT INCLUDED.

Archer Indoor TV/FM Antennas—Visibly Better

Color Supreme II

25.95

12-Position Fine Tuning Control

Deluxe UHF/VHF/FM. Our finest indoor antenna brings in better quality color or black and white pictures, even in difficult reception areas. Helps eliminate "ghosts" and "snow." UHF control (for channels 14-83) lets you rotate the antenna element for best signal.
15-1816 . . . . . **25.95**

Color Eagle II

19.95

Color Coded Leads

Quality UHF/VHF/FM. Satin brass VHF dipoles and dual UHF loops are on a rotating turntable so the antenna base remains stationary, no more tangled wires atop your set. Improves FM reception in weaker signal areas. Phasing switch reduces "ghosts." UHF-VHF-FM selector.
15-1809 . . . . . **19.95**

Color Eagle

14.95

UHF/VHF with Tunable Phasing Switch. Special balanced design sharpens color and black and white reception. Tunes out "ghosts" on all channels—2 thru 83. Four section VHF dipoles. Dual UHF loops turn without moving the whole antenna. Color-coded leads. **15-1810** . . . **14.95**

FM Stereo Supreme

11.95

Cuts FM drift and noise dramatically and improves signal reception and selectivity. Multi-purpose fine-tuning knob eliminates the need to move the antenna. Telescoping brass dipoles. With leads. **15-1820** . . . **11.95**

Deluxe UHF/VHF

Fine-Tuning Switch

9.95

Multi-position fine-tuning switch for optimum reception of any signal. Brass VHF dipoles. **15-1812** **9.95**

Budget UHF/VHF

8.95 ***6-Way Tuning***

Telescoping brass-plated dipoles with swivel adjustment. Dual UHF phasing loops. With leads.
15-626 . . . . . **8.95**

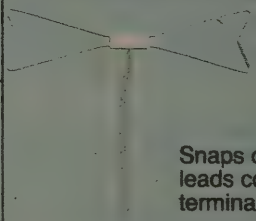
UHF Twin Bow-Tie Antenna

7.69

Outperforms Built-Ins

Sits atop TV, and just right for local UHF, color or black-and-white. Gold-color bow-ties, brass-plated reflector grid. With leads. **15-623** **7.69**

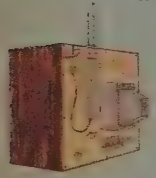
UHF Bow-Tie Replacement



2.19

Snaps on VHF antenna, leads connect to set's UHF terminal. **15-234** . . . **2.19**

VHF Back-of-Set Antenna



5.49

Mounts out of sight on most sets. 30" dipoles. With leads.
15-1804 . . . . . **5.49**

VHF/FM "Rabbit Ears"

3.59

Modern look, telescoping 3-section dipoles, anti-tip base. With lead-in.
15-955 . . . . . **3.59**

UHF VHF/FM "Rabbit Ears"

5.95

New styling and 6-way impedance matching. Telescoping dipoles.
15-956 . . . . . **5.95**

VHF Rod Replacement

2.99

Replaces broken or damaged VHF rods on most TV sets. Extends from 7½" to 38".
15-232 . . **2.99**

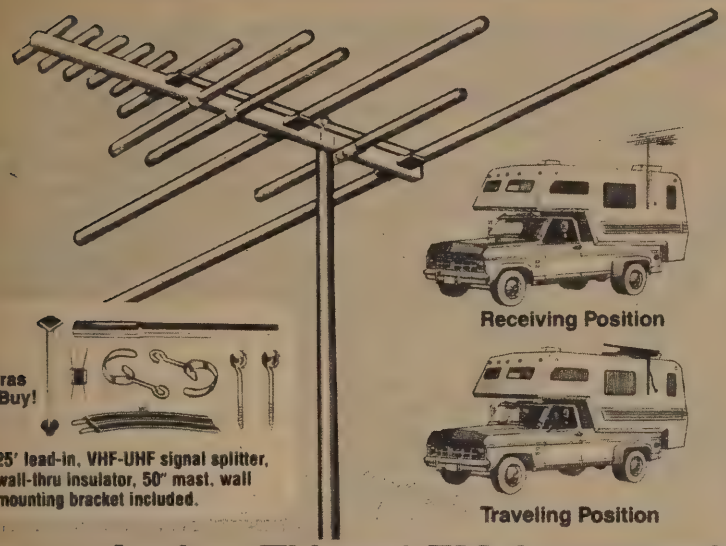
UHF Loop Antenna

Easy to Install

Exact replacement for damaged UHF loops. Install with only a screwdriver.
15-233 . . . . . **99¢**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

This Archer® Antenna System Travels with You



No Extras To Buy!

25' lead-in, VHF-UHF signal splitter, wall-thru insulator, 50" mast, wall mounting bracket included.

Complete VHF/UHF/FM Mobile Antenna Package

28.95

- *Fast and Easy Set-Up*
- *Folds Down Flat for Travel*
- *Nothing to Disconnect Or Reconnect*

Great for boats, motorhomes, trailers. Brings in color or black & white and FM reception that's as good as "at home." 40" antenna boom has 14 snap-lock elements made of rugged aluminum alloy—stay in place even in high wind. One lead-in for all channels is held securely with standoff insulators and wall-through insulator prevents water leaks. A complete package including all hardware and instructions, for quick, easy installation. **15-1613** **28.95**

Archer TV and FM Accessories Really Get the Picture!

Remote Control AC Timer

Times from 10-60 Minutes **12.95**

Preset it for auto-shutoff of TV, hi-fi, radio, lamps. Plugs into 120VAC, appliance plugs into timer. 10 amps, 1200W. 3½x2½x1¾". U.L. listed. 10' cord.
63-634 . . . . . **12.95**

Color TV "Ghost Eliminator"

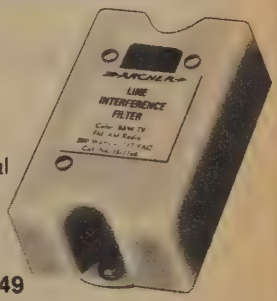
5.95

Rejects Most Multiple Images

Reduces TV "ghosting" caused by nearby transmitters, adjusts for UHF and VHF. Easy to install. **15-1114** **5.95**

AC Line Interference Filter

5.49



Cuts most electrical appliance interference on color and B&W TV. Instant installation.
15-1106 . . . . . **5.49**

Filters for Cutting TV Interference

[A] **5.95**

[B] **1.99**

[C] **2.49**

[A] Attenuates interference from CB, Ham transmitters. For use with 300 ohm TV/FM inputs. **15-581** **5.95**

[B] Reduces or eliminates electrical appliance or neon light static. Just attach to TV set antenna terminals. **15-582** **1.99**

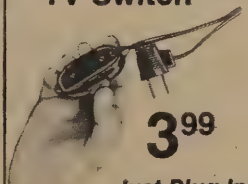
[C] Helps prevent TV/FM receiver saturation by nearby CB or Ham transmitters. Attaches directly to antenna terminals. **15-1146** **2.49**

"Private" TV Listener

Listen Without Disturbing Others! **4.69**

Helps compensate for hearing loss! With volume control, speaker/phones switch. 20' cord and earphone. **15-586** **4.69**

Remote On-Off TV Switch



3.99

Just Plug In

Control TV or appliances from up to 15' away. Rated 6 amps maximum. U.L. listed.
15-1160 . . . . . **3.99**

TV Power Cords

1.19

Standard 6' AC cord. 18-ga., 2-conductor.
15-011 . . . . . **1.19**

As above, but polarized.
15-012 . . . . . **1.19**

TV/FM Antenna Clips

Set of 2 **99¢**

Instant, solderless connection and disconnection of 300-ohm lead-in.
15-832 . . . . **99¢**

Radio Shack TV/FM Accessories Improve Reception

Take Aim at the Best Picture with an Antenna Rotator

NEW FOR '81

61.95 ***Just Dial Any Direction— Antenna Follows Automatically***

Archerotor.® Precision-aims your antenna for best reception of every TV or FM station within range. Minimizes ghosts and interference, maximizes signal strength. Indicator shows antenna direction. Motor braking action resists antenna direction changes in high winds. Accepts 1¼-1¾" dia. masts. U.L. listed AC operation. Requires 3-cond. rotor cable.
15-1225 . . . . . **61.95**

20-Gauge Rotator Cable

Low As **4.49**

Cat. No.	No. of Leads	Length in Ft.	Use With Rotator#	Per Roll
15-1149	3	50	15-1224/5	4.49
15-1150	3	100	15-1224/5	7.79
15-1204	5	50	15-1220	6.19
15-1201	5	100	15-1220	9.95

UHF/VHF Amplifier for All TV Channels, FM, FM Stereo

44.95 75/300-Ohm ***Improves Weak Signals In Fringe-Areas, Sharpens Reception***

Antenna-mounted preamp boosts all TV and FM signals—does not amplify interference picked up by downlead. Resists overload on strong signals. Our best Archer cable recommended. Power supply mounts on wall or behind TV set. Typical gain: VHF/FM, 18 dB; UHF, 16 dB. With instructions, mtg. hardware. U.L. listed AC operation.
15-1134 . . . . . **44.95**

Indoor 4-Set UHF/VHF/FM Amplified Couplers

37.95

- ***Select 300 or 75-Ohm Unit to Match Your Antenna System***
- ***Both Drive Any Combination of 4 TV/FM Sets from One Antenna***

Provides 8 dB gain on VHF/FM, 6 dB on UHF at each output. With hardware, instructions. Use indoors, U.L. listed AC operation. **300-Ohm Output. 15-1120** **37.95**
75-Ohm Output. 15-1121 . . . . . **37.95**

Add Sets, Combine Downleads with Splitters, Couplers

A **Indoor Multi-Set Couplers.** Drive up to 4 TV/FM sets from one antenna in strong signal areas. 300-ohms. Insta-mount. **2-Set. 15-1501** **2.29**
4-Set. 15-1502 . . . . . **2.59**

B **Indoor/Outdoor Couplers.** Combines 2 antenna outputs for one 300-ohm downlead. Drives 2-4 sets from one 300-ohm downlead. Fits masts up to 1½."
2-Set. 15-1135 . . . . . **3.59**
4-Set. 15-1136 . . . . . **4.59**

B **Combiner/Splitter.** Combines the outputs of a UHF and VHF antenna into one downlead or splits a single downlead into UHF/VHF outputs indoors. 300-ohms.
15-1137 . . . . . **3.95**

C **Indoor Splitter.** Three outputs (UHF/VHF/FM) from one 300-ohm downlead. Insta-mount. **15-1138** **3.99**

D **75-Ohm 2-Set Coupler/Combiner.** Low-loss transformer splits a single 75-ohm downlead to 2 UHF/VHF outputs or reverse to combine outputs of a UHF and VHF antenna into one 75-ohm downlead. **15-1141** **4.95**
75-Ohm 4-Set Coupler. 15-1142 . . . . . **7.95**

E **Indoor/Outdoor 300 to 75-Ohm Matching Transformer.** Matches 300-ohm antenna to 75-ohm shielded downlead at the antenna or reverses to transform 75-ohm downlead to 300-ohms at set.
15-1140 . . . . . **2.79**

F **Indoor Transformer/Splitter.** Separate 300-ohm UHF/VHF/FM outputs from single 75-ohm shielded downlead. Insta-mount. **15-1139** **4.99**

G **Antenna Mounted Cable Conversion Kit.** 300-ohm to 75-ohm coax transformer mounts on antenna boom with special clip. Fits 13/16" and 1" square booms and 1" round boom. **15-1143** . . . **3.99**

Archer® Accessories Make Antenna Installation Easy

Heavy-Duty Masts

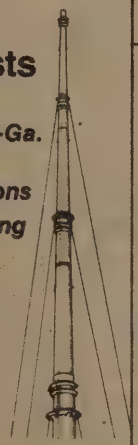
16-Gauge Steel with Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1¼" dia.
5-Ft. Mast. 15-842 ..... **4.19**
10-Ft. Mast. 15-843 ..... **7.99**

5' Light Duty

20-ga. steel with gold enamel finish. For attic and small antenna installations. **15-844** **3.49**

Telescoping Antenna Masts



- ***Made of 16 and 18-Ga. Galvanized Steel***
- ***Interlocking Sections***
- ***Clamp and Guy Ring Provide Support***

Low As
24.95

Raise your antenna higher and get stronger TV or FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts have zinc coating to eliminate rust. Fully assembled. Install easily.

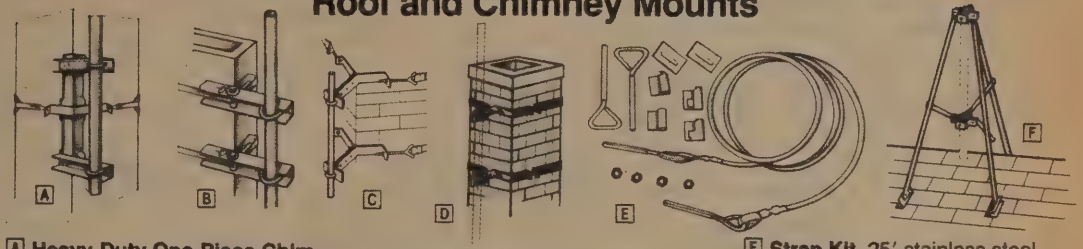
19' Mast. One 16-gauge and one 18-gauge section.
15-5065 ..... **24.95**
27.5' Mast. One 16-gauge and two 18-gauge sections.
15-5066 ..... **32.95**
36' Mast. One 16-gauge and three 18-gauge sections.
15-5067 ..... **43.95**

Base and Mount

Base. Holding bolt slips thru hole in universal mast base.
15-5068 . 5.99

Mount. Sturdy "tap-in" tapered inground mount for masts up to 36' tall.
15-5069 . 7.99

Roof and Chimney Mounts



A Heavy-Duty One-Piece Chimney Mount. 12-gauge main bracket. Galvanized .050" corner bracket. 12' stainless steel strap.
15-849 ..... **8.95**

B Rachet Chimney Mount. Fastens 1" to 1¾" antenna mast to chimney. Two stainless steel straps, each ¾"x18'.
15-839 ..... **10.95**

C Chimney Corner-Mounts. Two stainless steel straps, each ⅝"x10'. Attaches antenna mast to chimney with two "Y" mounts.
15-527 ..... **6.95**

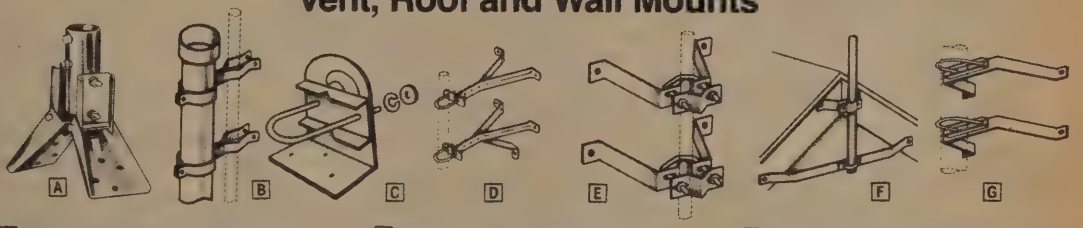
D "Z" Chimney Mounts. Set of two. Each mount has ⅝"x10' galvanized steel strap. **15-476** **5.95**

E Strap Kit. 25' stainless steel straps. Use as replacements or add-ons. **15-801** **7.99**

F 3' Tripod Mount. Preassembled mount fits slope of most any roof. Accepts mast up to 1¾" diameter. Installs easily on flat and peaked surfaces. **15-516** ... **12.95**

5' Heavy-Duty Tripod.
15-517 ..... **21.95**

Vent, Roof and Wall Mounts



A Base and Roof Mount. Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy-gauge steel. **15-889** **3.99**

B Vent Pipe Mount. Attaches to vent pipe. Just attach brackets and clamp mast into place.
15-893 ..... **3.99**

C Mast Anchor (Universal Mount). For roof, attic or window mounting of up to 1½" dia. masts. Must be guyed for roof and window mounts. **15-888** **1.39**

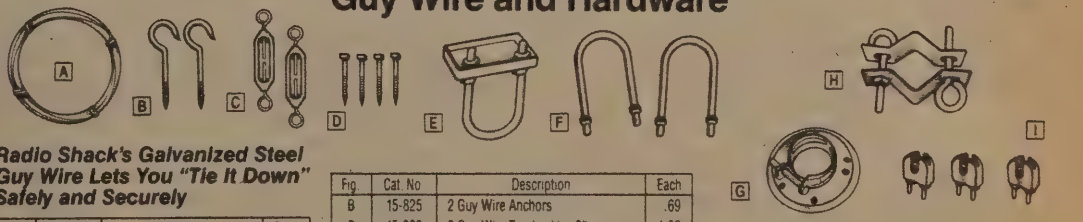
D Pair of 12" Wall Mounts. Holds mast 12" away from wall. Fits up to 1½" mast. **15-885** **7.49**

E 4" Wall Mounts. Holds mast 4" away from wall. **15-883** **1.99**

F Eave Mount for Trim Boards or Hanging Rafters. Eliminates drilling brick or masonry. Has 48" lower member. For medium pitched roofs. Takes masts up to 1½".
15-891 ..... **8.99**

G 6" Heavy-Duty Wall Mounts. Extends 6" out from wall. For masts up to 2½" dia. **15-890** **7.59**

Guy Wire and Hardware



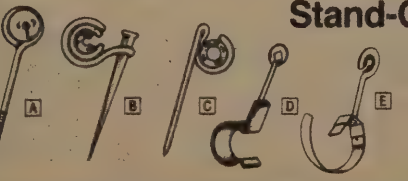
Radio Shack's Galvanized Steel Guy Wire Lets You "Tie It Down" Safely and Securely

Fig.	Cat. No.	Description	Each
A	15-030	50' Galvanized Steel Wire	1.19
A	15-031	100' Galvanized Steel Wire	2.19
A	15-037	40' Plastic-Coated Steel Guy Wire	2.29

Fig.	Cat. No.	Description	Each
B	15-825	2 Guy Wire Anchors	.69
C	15-829	2 Guy Wire Turnbuckles 6" open 4" closed	1.39
D	15-833	Set of Four Hex Lag Bolts. ¼"x1½" for Heavy-Duty Mounting	.59
E	15-826	U-Bolt and Clamp	.79
F	15-830	2 U-Bolts with Nuts	.69

Fig.	Cat. No.	Description	Each
G	15-835	1¼" Guy Ring and Collar	1.09
H	15-827	Guy Wire Mast Clamp with Bolts	.89
I	15-850	3 Guy Wire Clamps	.99

Stand-Off Insulators



Keep your lead-in secure in wind, rain or snow—prevent lead-in movement which causes static and noise.

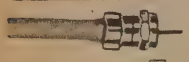
Fig.	Cat. No.	Description	Each
A	15-853	4 — 3½" Wood Screw	.69
A	15-854	4 — 6½" Wood Screw	.79
A	15-855	4 — 7½" Wood Screw	.89
B	15-820	2 Masonry Type	.69
C	15-821	2 Nail-In Type	.59
D	15-822	2 Snap-Grip Type	.59
E	15-823	2 Strap-On Type	.69

Get the Picture with Archer® TV and FM Accessories

Shielded UHF/VHF Foam Coax Cable Assemblies

Low As 7.99

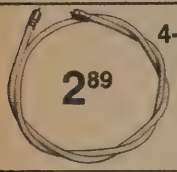
Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-59 connectors.
50-Ft. 15-1526 ..... 7.99
100-Ft. 15-1527 ..... 13.99



8 and 16-Ft. Coax

Low As 3.49

Use with Archer 75-ohm wall plates. Polyfoam.
A A **8-Foot.** F-59 connectors.
15-1530 ..... 3.49
A B **8-Foot.** F-59 connector and Motorola-type plug.
15-1528 ..... 3.49
A A **16-Foot.** F-59 connectors.
15-1531 ..... 4.79



4-Ft. White Coax Cable

2.89

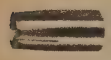
Designed for use in apartments and houses—from TV wall outlet or coupler to set. With push-on F-56 connectors. **15-1529** 2.89

Polyfoam Coax RG-59/U

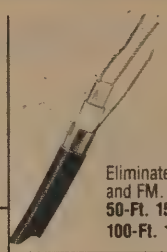
16¢ Foot

More efficient than standard dielectric. 75 ohms. Minimum order, 25.
278-1327 ..... Per Ft., 16¢

75-Ohm TV/FM Coax Connectors



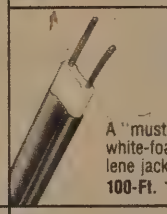
A **Type F-59 Connector.** For RG-59/U cable. **278-211** ... 2/89¢
F-56 Connector. For RG-56 and RG-59 super coax cables. (Required when shortening 15-1526, 15-1527.) **278-214** ..... 2/89¢
B **F-61 Chassis Connectors.** Mate with F-59 and F-56.
278-212 ..... 2/89¢
C **F-81 Bushing.** Couples two coax cables terminating in "F" connectors. **278-213** ..... 89¢
D **F-59 Push-On.** Solderless, no tools required. Simply strip cable and screw on connector.
278-215 ..... 89¢



VHF/UHF 300-Ohm Shielded Cable

Low As 10.95

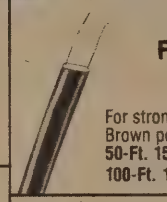
Eliminates most noise pickup on all TV channels and FM. Transformerless hookup.
50-Ft. 15-1177 ..... 10.95
100-Ft. 15-1176 ..... 17.95



Our Finest VHF/UHF 300-Ohm Foam Cable

Low As 3.99

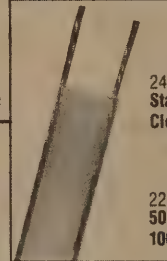
A "must" for color and UHF. 20-gauge copper, white-foam space web, low loss, dense polyethylene jacket. **50-Ft. 15-1174** 3.99
100-Ft. 15-1175 ..... 7.39



Economy 300-Ohm Foam VHF/UHF Cable

Low As 3.69

For strong-signal urban areas. 22-gauge copper. Brown polyethylene jacket with blue polyfoam.
50-Ft. 15-1202 ..... 3.69
100-Ft. 15-1203 ..... 6.69



Low-Cost Twin Lead for TV-FM

24-gauge, 4-mil cable for indoor/attic use.
Standard Twin Lead. 40-Ft. 15-004 ... 1.59
Clear Twin Lead. 40-Ft. 15-1158 ..... 1.59

Standard Twin Lead

22-gauge, 7-strand lead-in for indoor use.
50-Ft. 15-1153 ..... 2.49
100-Ft. 15-1154 ..... 4.49

8-Ft. Twin Lead Cable

2.19 *Instant Hook-Up*

Dual spade lugs attach easily from splitter to stereo or coupler to set. 300 ohms.
15-1532 ..... 2.19

Antenna Discharge Unit

1.59

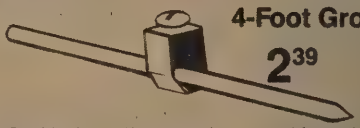
Easy to Install

Low-cost protection against static buildup for your TV-FM set. Easy solderless connection. Includes all necessary mounting hardware. U.L. listed. **15-911** 1.59

Grounding Block

2.19

Prevents static electricity buildup. For 75-ohm TV or FM antenna lead-ins. **15-909** 2.19



4-Foot Ground Rod

2.39

Provides low-resistance path to ground for static electricity. Copper-plated, corrosion resistant, highly conductive.
15-530 ..... 2.39

Ground Wire

2.19

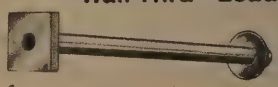
40 feet of #8 aluminum wire.
15-035 ..... 2.19

10 Coax Nail Clips

Pkg. of 10 99¢

Insulated nails with clips for securing 75-ohm RG-59 coax cable.
20-192 ..... Pkg. 10/99¢

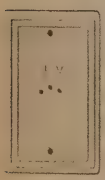
"Wall-Thru" Lead-In Tube

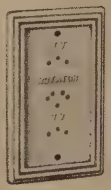


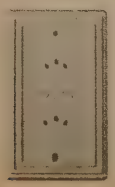
1.99

Run lead-ins through walls up to 13" thick. Grommet seals out weather. **15-1200** 1.99

Wall Plates for Professional TV and Rotor Wire Installations





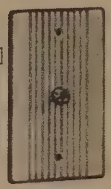


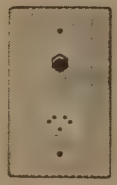
300-Ohm Types

A For a single TV or FM lead-in. With mounting bracket, plugs.
Flush-Mount. 15-1186 ..... 1.99
Surface-Mount. 15-1189 ..... 1.79

B Accepts two TV or FM lead-ins. Includes mounting bracket, two plugs.
Flush-Mount. 15-1187 ..... 2.99

C Combination rotor and two TV lead-in flush-type sockets. Complete with bracket, one rotor, 2 wire plugs.
15-1179 ..... 2.99



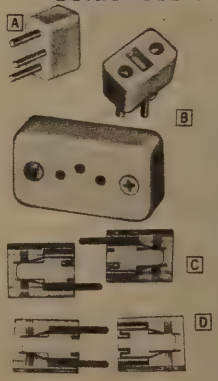


75-Ohm Coax Types

D Flush-mount plate with standard F-59 coaxial TV or FM connector. Complete with all mounting hardware.
15-1180 ..... 3.49

E Flush-mount plate with standard F-59 coaxial connector, plus 5-wire rotator socket and plug. Install like a pro!
15-1181 ..... 4.49

Solderless TV Connectors



• *Easy-to-Install with Just a Screwdriver*

A **Wall Receptacle Plugs.** Mate with all surface or flush sockets.
15-1178 ..... 2 for 99¢

B **Surface Mount Universal Socket with Mating Plug.** 7/8x1 3/4x9/16".
15-1192 ..... 99¢

C **Polarized Connectors.** Prevent polarity reversal when splicing. **15-1199** ..... 99¢

D **Plug and Socket.** For UHF and VHF. **15-1198** ..... 99¢

OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE—WE'RE NEAR YOU

Reach Out Farther With Realistic® Mobile AM/SSB CB

Get Help and Information Fast with CB

CB is the ideal travel companion. Volunteers nationwide monitor Channel 9 to assist motorists in need of road service, police or directions around an unfamiliar city. Channel 19 is the Highway Channel, a real aid in finding gas stations with the best prices, who's open, who has road service. Some motels and campgrounds take reservations via CB radio. And CB is always great for conversation to pass the time during long trips. So why travel "alone"?

Single Sideband: More Channels, Power, Range

Many serious CB'ers have switched to single sideband because it's more versatile than regular (AM) CB. SSB offers 80 more channels, more transmit power (12 watts, peak effective) and greater range capability so you can get your message through even in large metropolitan areas where channel congestion is greatest. All Realistic SSB sets are switchable for either 40 upper sidebands, 40 lower sidebands, or the 40 regular AM channels.

Deluxe AM/SSB Mobile CB

NEW FOR '81

40 AM and 80 SSB Channels **219.95**

- *Switchable Noise Blanker*
- *RF Gain Control • PA with CB Monitor*
- *Illuminated S/RF Meter • LED Dimmer*

Realistic TRC-451. In town or on the road, you'll find SSB's greater range and cleaner signals really make a difference! Gets your message through when AM-only rigs are "still tryin'." Dual IF stages and crystal/ceramic filters provide superb freedom from adjacent channel interference. Quartz PLL circuitry gives you frequency stability and locks onto signals. And a PA switch lets you use this rig as a 5-watt public address amplifier and receive CB calls at the same time. With adjustable mounting bracket, dynamic mike. **21-1565** **219.95**

Available Nov. 30, 1980

SPECIFICATIONS. Sensitivity: (for 10 dB S+N/N) AM, 0.5 microvolt; SSB, 0.25 microvolt. **Adjacent Channel Selectivity at 10 kHz:** −70 dB. **Image Rejection:** 85 dB. **RF Output:** 12W P.E.P. SSB max., 4W AM max. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 2¼x7¼x9".

AM/SSB CB Base Station That Goes Mobile, Too

359.95

- *Channel 9 Priority Switch*
- *PA with CB Monitoring*
- *ANL Plus Noise Blanker*

SPECIFICATIONS. Sensitivity: (for 10 dB S+N/N) SSB, 0.25 microvolt; AM, 0.5 microvolt. **Adjacent Channel Selectivity at 10 kHz:** −70 dB. **Image Rejection:** 80 dB. **RF Output:** 12W P.E.P. SSB max. 4W AM max. **Power Requirement:** U.L. listed AC operation or 12VDC pos. or neg. gnd. **Size:** 4x11½x13½".

Realistic TRC-490. Join the swing to "sideband"! PLL circuitry for rock-stable performance on all 40 AM and 80 upper/lower sideband channels. Crystal lattice filter and automatic modulation control. Unit doubles as a mobile PA system—just add a PA speaker. Jacks for remote CB speaker and a headset. RF gain control, lighted S/RF meter. With mike, mtg. bracket. **21-1583** **359.95**

SEE PAGES 110-113 FOR OUR COMPLETE LINE OF QUALITY CB ANTENNAS

You're Never "Alone" When You Travel with CB

Budget-Priced Full-Feature CB

NEW FOR '81

Tiny—Fits Under Most Dashes

Available Oct. 15, 1980

79.95

Realistic TRC-410. Compact, but with all the necessary features. Hysteresis-type squelch to cut signal "chopping," big LED channel readout and LED S/RF meter, auto-modulation circuit, ANL, ceramic filters. With lock-plug mike, mtg. hardware.
21-1504 . . . . . **79.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Adj. Chan. Rejection:** 60 dB at 10 kHz. **Audio Power Output:** 6W max. **RF Power Output:** 4W max. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 1⅝x5¼x7¾."

Compact Mobile with PA Facility

- *Big S/RF Meter*
- *LED Channel Display*

99.95

Realistic TRC-421A. Deluxe compact has the features you want. Hysteresis-type squelch, modulation indicator, crystal and ceramic filters. External speaker jack for use as a mobile PA system. With locking plug-in mike, bracket, hardware. **21-1502** **99.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Adj. Chan. Rejection:** 80 dB at 10 kHz. **Audio Power Output:** 5.5W max. **RF Power Output:** 4W max. **Power Req.:** 12VDC pos. or neg. gnd. **Size:** 1 11/32x5 15/32x9¼."

Feature-Packed Mobile CB with Channel 9 and 19 Priority Switch

- *Crystal and Ceramic Filters*
- *3-Way PA/Monitor/CB Switch*

119.95

Realistic TRC-422A. The perfect CB for travelers. Priority switch gives instant, direct access to either Channel 9 for emergencies or Channel 19 for highway info. Hysteresis-type squelch, switchable ANL, jacks for external and PA speakers. With lock-plug mike, mtg. hardware. **21-1503** **119.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Adj. Chan. Rej.:** 80 dB at 10 kHz. **Audio Output:** 5.5W max. **RF Output:** 4W max. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 2 7/32x5 21/32x9 29/32."

Mobile CB with Ch. 9 "Priority" Switch

NEW LOW PRICE!

139.95

Was 149.95 in 1980 Catalog

- *LED Antenna Warning Indicator*
- *RF Gain Control • Tone Control*

Realistic TRC-427. Priority switch lets you go instantly to Channel 9, the CB emergency frequency. Features like switchable ANL, hysteresis-type squelch. PA/Monitor/CB switch lets you monitor CB while using PA. With mounting hardware, lock-plug mike.
21-1534 . . . . . **139.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 65 dB at 10 kHz. **Audio Power Output:** 5W max. **RF Power Output:** 4W max. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 2 3/16x6 5/16x8 7/16."

In-Dash CB with AM/FM Stereo Radio and Cassette Tape Player

NEW FOR '81

Monitor CB While Listening to Radio Or Tape

299.95

Realistic TRC-472. Complete mobile communications/entertainment center. CB has switchable ANL, lighted S/RF meter, transmit/receive indicator, squelch control and easy-to-read LED channel display. Monitor switch lets you listen to AM, FM or tape and still not miss CB calls. Stereo FM indicator, controls for tone, left-right balance. With mike, two styles of knobs, all mounting hardware. **21-1593** **299.95**

CB RADIO. Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Selectivity at 10 kHz:** −80 dB. **RF Output:** 4W max. **AUDIO POWER:** 5W per channel. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 3x7¼x5⅜."

Simplified Do-It-Yourself Installation!

Shafts 1 let you mount units in existing dash opening. Use vinyl gasket 2 or trim plate 3 with control knobs 4 to obtain a factory-installed look!

ALL REALISTIC CB RADIOS ARE FCC TYPE ACCEPTED

At Home or On the Road, Go with Realistic

NEW FOR '81

AM Mobile CB at Its Best—With Unique "Nine-Scan"

159.95 *Scans Channel 9 and Any Other Channel You Select*

Available Sept. 30, 1980

Realistic TRC-428. "Nine-Scan" mode lets you simultaneously monitor Emergency Channel along with any other channel, and automatically switches to first signal received on either channel. It resumes scanning when transmission ends. Switchable noise blanker plus ANL, RF gain control. External speaker jack; 3-way switch selects built-in speaker, optional external speaker, or both. PA/Monitor/CB switch lets you receive CB calls while using PA. Tone control, SWR calibration control plus 3-way meter for SWR, RF output and received signal strength. LED channel readout and modulation indicator. With locking-plug mike, mounting hardware. **21-1535** **159.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 80 dB at 10 kHz. **Audio Output:** 4W. **RF Power Output:** 4W maximum. **Power Requirement:** 12VDC positive or negative ground. **Size:** 2 3/16x6 5/8x8 1/2"

One-Hander™ Puts CB Radio in the Palm of Your Hand

179.95

- *Mounts Out of Sight In Any Convenient Spot*
- *Electronic Channel Switching on Mike*

All Controls in Handset!

- Speaker/Mike
- Channel Selector with LED Display
- Volume On-Off
- Variable Squelch
- S/RF Meter

U.S. Pat. No. 4,032,844

Realistic TRC-462. More convenient to operate and safer to use because the controls are built right into the microphone! The CB itself is only 1 1/2x5 1/4x7"—easy to hide away in glovebox, under dash or seat. You can even trunk-mount it using our optional extension cable. Channel selection is all electronic—two pushbuttons rapidly count up or down through all channels. Press both for instant Channel 9 access. LED readout displays channel. Selector switch for handset speaker, built-in speaker or optional remote speaker. With mounting hardware. **21-1528** **179.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Selectivity at −6 dB:** ±3 kHz. **Adjacent Channel Rejection:** 80 dB. **RF Output:** 4W max. **Audio Output:** 4W at less than 10% THD. **Spurious Output:** −65 dB. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 1 1/2x5 1/4x7"

16 1/2' Extension Cable

For trunk or remote mounting transceiver. **21-600** **29.95**

High-Performance Base/Mobile At a Low Price

- *Channel 9 and 19 Priority Switch*
- *Headphone Jack • S/RF Meter*
- *On-the-Air/Modulation Lights*

179.95

Realistic Navaho® TRC-432. Famous for value! Listen through up-front speaker, headphone jack or add an optional extra speaker for remote listening or public address capability. Two ceramic IF filters, built-in ANL. Channel 9 and 19 priority switch. Squelch, lighted S/RF meter, ON THE AIR and MODULATION indicators. With AC and DC power cords, mobile mounting bracket. U.L. listed.
21-1546 ..... **179.95**

Sensitivity for 10 dB S+N/N: 0.5 microvolt. **Selectivity at −6 dB:** ±3 kHz. **Adjacent Channel Rejection:** 60 dB. **Audio Distortion at 1000 Hz:** Less than 10% at 4.5W output. **RF Output:** 4W max. **Spurious Radiation:** −65 dB. **Power Requirement:** 120VAC or 12VDC pos. or neg. gnd. **Size:** 3 9/16x11 3/8x9 7/16"

NEW FOR '81

Shop The Shack® For Everything in CB Accessories

A **Mike Clip.** Screw-on or use instamount adhesive for secure, permanent installation on steel or padded dash. **21-923** **1.29**

B **Magnetic Mike Holder.** Keeps your mike in place no matter what the terrain. Magnetic—easily attaches to car, boat, truck—no holes to drill or hardware needed. **21-1130** **1.59**

C **Mobile Preamp Mike.** Helps maintain full modulation and power. Two transistors, adjustable output level. 400-5000 Hz response. Requires 7V battery below. **21-1171** **21.95**

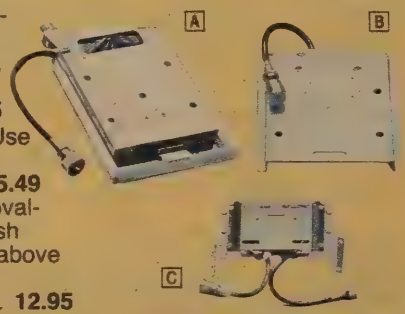
D **Dynamic Mike.** Shielded coiled cord with DIN-type plug. Replacement for Realistic CB sets requiring a dynamic mike, and many other brands. **21-1172** **14.95**

E **Preamp Noise Canceling Mike.** Cuts road, engine, background noise. Built-in preamp for 100% modulation. Push-to-test battery button with LED indicator. Works as regular dynamic mike without battery. For Realistic, many others. DIN plug. Requires battery below. **21-1175** **24.95**

F **12V Replacement Power Cord.** 3-pin polarized power supply assembly. 48" of 20-ga. black and red wire with inline fuse holder and fuse tab on positive lead for easy installation. Fits Realistic, many others. Requires 2-amp fuse. **21-550** **3.29**
7V Battery. For 21-1171, 21-1175. **23-601** **3.99**

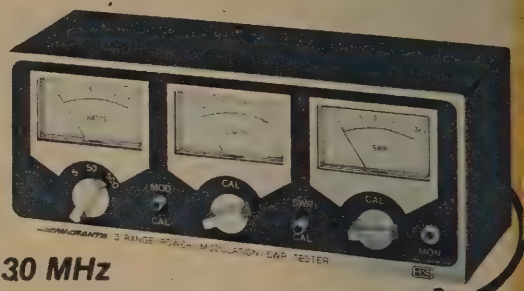
CB Mounts for Theft Protection

A B **Underdash Mount.** Female half attaches to transceiver and slides on or off nylon guides of male bracket, mounted under dash of vehicle. **21-566** **11.95**
B **Extra Mount for above.** Use the same CB in 2 vehicles. **21-567** **5.49**
C **Floor Mount.** All the removal-insertion features of underdash mount above. Easy to install above transmission hump. **21-568** **12.95**



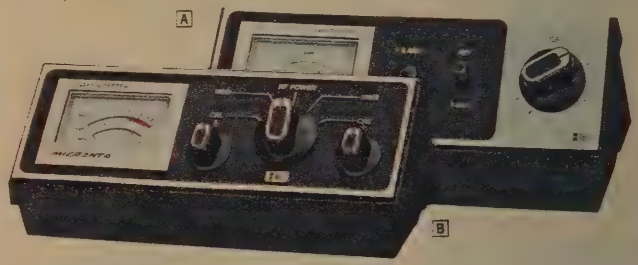
Micronta® CB Test Meters

39.95



- *Covers 3-30 MHz*
- *With Remote Control Coupling Unit*

Power/Modulation/SWR Meter. Measures power output in 3 ranges: 0-5 watts for CB and 0-50 and 0-500 for amateur band equipment. Measures percent of modulation from 1 to 120%. SWR meter checks antenna system. Monitor jack lets you listen to your signal with an earphone.52 ohms. 3⅜x8¼x4½." **21-522** **39.95**



A **Field Strength/SWR Meter.** Helps you operate your CB with maximum efficiency. Measures SWR forward and reflected power to 1 kW. Covers 2-30 MHz. 52 ohms. 1⅞x6 3/16x2½." **21-525** **18.95**

B **3-Way CB Station Tester.** Features jack for antenna or dummy load, transceiver output jack. Meter reads output power from 0-10 watts. 1⅞x7x2½." **21-526** **28.95**

"Disappearing" Trunk Mount

6.95

Hide It in Trunk When Not in Use

Use with trunk or roof mount-antenna slides off bracket in seconds. Complete with all hardware. **21-530** **6.95**

Portable Hump Mount

16.95

The easy way to mount your CB. Attach bracket to hump mount, then position on auto's carpeted transmission hump with quick-release hook. **21-540** **16.95**

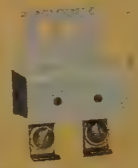
CB Scanner/Extension Speaker

13.95

Installs easily on dash, cab roof, wall, ceiling. 360° swivel base, 4" speaker. Handles 5 watts. 8 ohms. 10' cable, miniplug. **21-549** **13.95**

Noise Eliminator Kits

Heavy-Duty Kit. Effective against ignition and alternator noise. Easy installation. **270-050** . . **11.95**



Radio Noise Filter. Cuts alternator or generator "whine," gas or diesel. **21-509** . . . **8.49**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

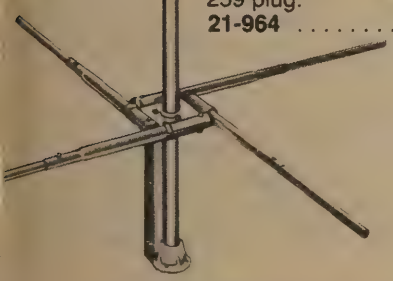
Reach Out with a CROSSBOW® Base Station CB Antenna

.64-Wave Antenna

54.95

Our Finest Omnidirectional

For maximum-range all-directional transmission and virtually static-free reception. Five-section vertical radiator is over 22′ long, and four 9′ radials provide maximum electrical performance. Vertically polarized for maximum noise reduction. Delivers the strongest signal and the lowest radiation of any comparable antenna we know of. Fully moisture protected loading coils for years of trouble-free service. Triple "U" clamp bracket fits masts up to 1⅝" diameter. Accepts PL-259 plug.
21-964 . . . . . **54.95**

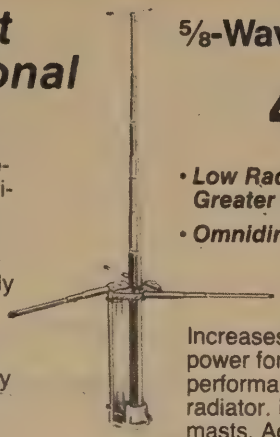


Delivers 4½ dB Gain in All Directions

⅝-Wave Antenna

44.95

- *Low Radiation Angle for Greater Signal Capture*
- *Omnidirectional 4 dB Gain*

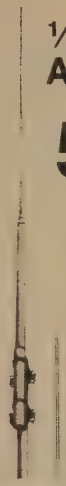


Increases effective radiated power for excellent range and performance. 19′ 10" vertical radiator. Fits up to 1⅝" dia. masts. Accepts PL-259 connector. **21-1133** **44.95**

½-Wave Coaxial Antenna—No Radials

54.95

- *3.75 dB Gain*
- *Omnidirectional*

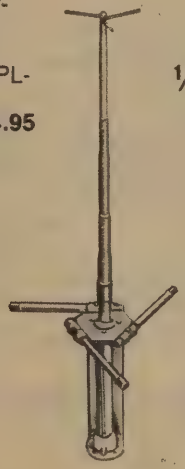


Requires no ground planes, it's independent of mounting location, and has a low radiation angle for maximum signal reach. Accepts PL-259 connector. 18′ long. Fits ¼ to 1½" dia. masts.
21-965 . . . . . **54.95**

½-Wave Antenna

32.95

- *3.75 dB Signal Gain*
- *Omnidirectional Pattern*



Multiplies effective radiated power for greater transmit range, cleaner reception. Five-section aluminum radiators, three 52" radials. Fits up to 1⅝" dia. masts. Accepts PL-259 connector.
21-902 . . . . . **32.95**

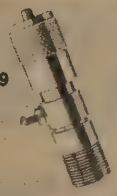
¼-Wave Antenna

- *Omnidirectional*
- *Beta-Matched for Very Low SWR*

19.95

High performance and efficiency! Three 108" quarter-wave radials, plus 108" quarterwave radiator (vertical element). "U" clamp fits masts up to 1" dia. Static discharge arrestor. Accepts PL-259 plug.
21-901 . . . . . **19.95**

Coax Static Discharge Unit



Reduces static build-up. PL-259 plug. SO-239 connector. **4.99**
21-1049 . . . . **4.99**

Dummy Load Antenna

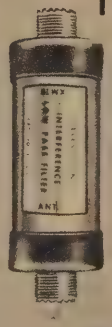
Non-inductive 52-ohm load for testing up to 5 watts. PL-259 plug. **2.59**
21-628 . . . . . **2.59**

Antenna Tuner

10.95

Matches CB sets to any 10-10,000 ohm antenna. 500-watt RF capacity.
21-513 . . . . . **10.95**

TV Interference Filter



8.95

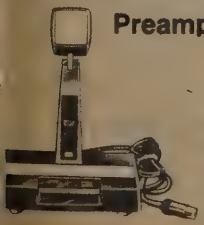
Be a good neighbor! Attenuates 25dB to reduce CB interference on TV & FM
21-512 . . . **8.95**

2-Position Coax Switch

7.49

Change antennas without changing leads. 500 watts. **21-511** **7.49**

Preamp Base CB Mike



31.95

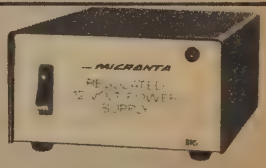
Touch-bar transmit/lock switch, gain control, DIN plug. Requires 2 "AA" batteries.
21-1173 . . **31.95**

Base Station Cable Assemblies

Low As **4.29**

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95
100	RG8/U	278-972	34.95

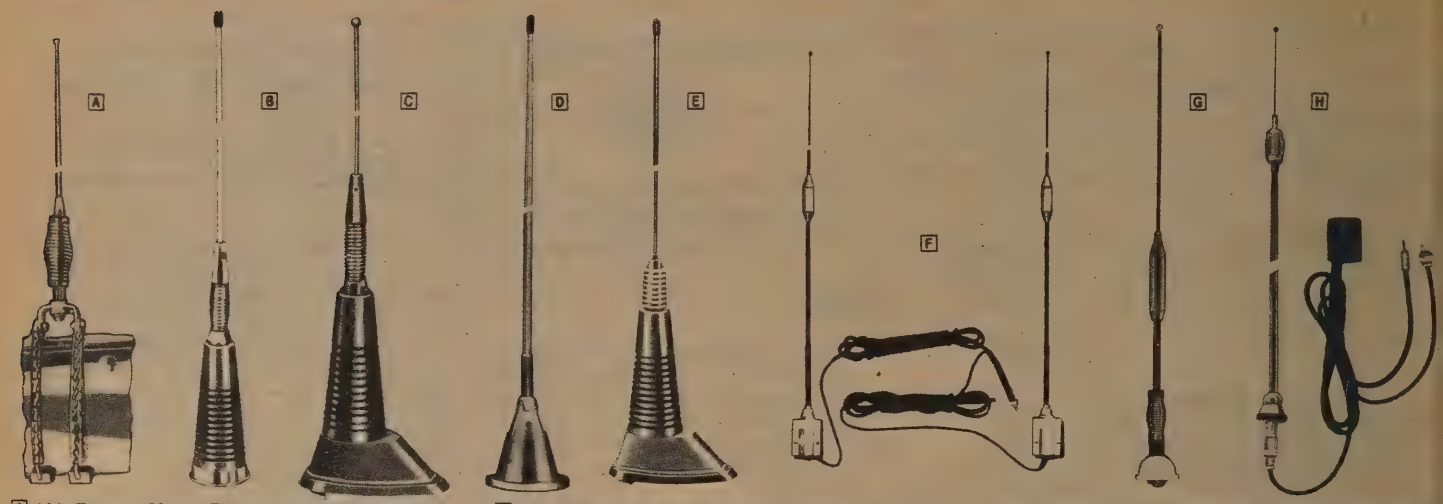
Regulated CB Power Supply



29.95

13.8VDC regulated output at 2.5 amps continuous, 5 amps surge. 2½x4½x6¾". U.L. listed. **22-124** **29.95**

Step Up to a Top-Quality Archer® Mobile CB Antenna



A 102" Bumper Mount Fiberglass-Whip Antenna. Full-length design gives any mobile CB maximum signal range. Features adjustable dual chains and bracket for mounting on many bumpers, and a chrome-plated shock spring. With mounting hardware. Less cable. **21-927** **27.95**

B Fiberglass Roof-Mount Antenna. Mounts on fender or trunk deck, too. Weatherproof base-loaded coil for close impedance match and maximum radiation in all directions with minimum of height. With 16' coax cable, connector. **21-925** **25.95**

C No-Hole Trunk Mount Antenna. Mount it on center or either side of trunk lid and secure it with just two setscrews. Easy cable entry. Has base-loading coil and stainless steel shock spring and whip. With 16' coax cable, connector. **21-908** **25.95**

D 102" Fiberglass-Whip Marine Antenna. Quarterwave antenna for all surfaces, metallic or non-metallic. No ground plane needed. Mount provides "lay-down" feature from both horizontal and vertical mounting. Mounting hardware, 16' cable. **21-912** **36.95**

E Graphite Trunk-Grip Antenna. Combines the best features of stainless steel and fiberglass. Remains more vertical at high speeds for a better signal pattern. Mount on center or either side of trunk lid. With 16' cable, connector. **21-975** **33.95**

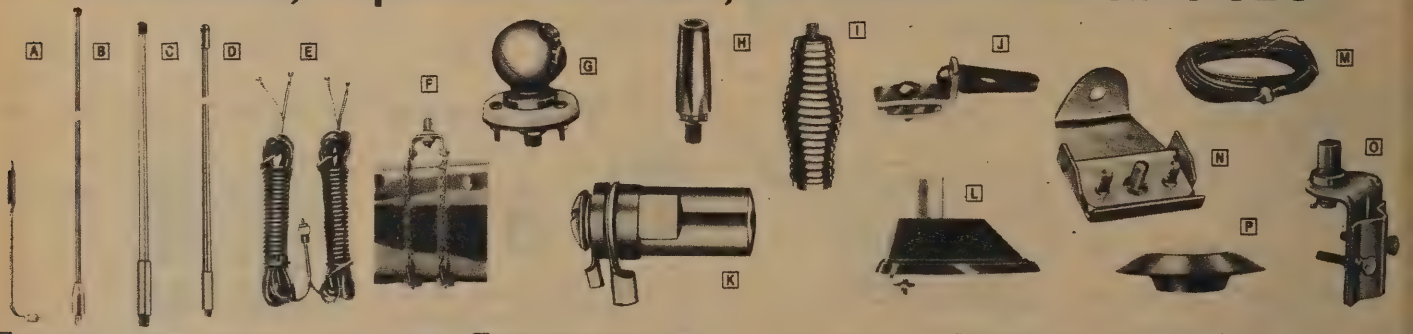
F Twin Truckers-II Dual Antenna. Two matched antennas for a stronger signal pattern from ahead and behind. Stainless steel, adjustable tip rods. Oversize mounts for easy attachment. With 18' dual phasing coax harness, connector. **21-942** **43.95**

Choose Archer Mobile CB Antennas For Quality You Can Hear

G "Shorty" Roof Mount Antenna. Efficient, with easy snap-in mounting. Center-loaded coil, stainless steel whip and shock spring, chrome plated support tube. Top whip adjusts for precise antenna matching. With 16' coax cable, connector. **21-906** **21.95**

H Fender Mount CB/AM/FM Antenna. A "disguised" CB antenna that's also a replacement auto radio antenna. Has telescoping 50" whip and tunable loading coil plus matching network making a complete multiple antenna system. Corrosion-resistant stainless steel and chrome-plated sections. With all cables for front-fender installation and illustrated instructions. 68" cable has both Motorola-type auto radio and PL-259 connectors. **21-930** ... **22.95**

Antennas, Replacement Parts, and Extras for Mobile CBs



A Back-of-Set Antenna. Right-angle design connects into coax socket on your CB rig. Stainless steel upper. Center-loaded. PL-259 connector. **21-921** **8.95**

B 102" Stainless Steel Whip. Replacement antenna. Standard ⅜"-24 stud. **21-903** **10.95**

C 102" Fiberglass Whip Antenna. Similar to above. **21-905** **12.95**

D 4' Fiberglass Whip. Top loaded to give better communication. ⅜"-24 thread. **21-934** **10.95**

E Co-Phase Harness. Connect 2 antennas to 1 transmitter. For Archer and other base loaded or whip antennas. **21-935** **11.95**

F Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover. **21-910** **12.95**

G Ball Mount. For vertical or horizontal mounting mobile CB whip antennas. Chrome-plated ball, lug terminals. **21-1115** **7.59**
Heavy-Duty Ball Mount. 21-959 ..... **14.49**

H Quick-Disconnect. Lets you remove antenna whip with a twist. ⅜"-24 stud. **21-958** **5.29**

I Steel Spring. Chrome-plated antenna spring. Removable ⅜" threaded stud. **21-1118** **7.29**
Heavy-Duty Steel Spring. 21-957 ..... **12.95**

J Antenna Hold-Down Clip. 21-917 ..... **1.79**

K Mounting Hardware. Standard ⅜"-24 female thread. Fits mounting plates up to ⅛" thick. Nickel-plated. **21-950** **3.99**

L No-Hole Trunk Mount. With ⅜"-24 thread for whip mounting. **21-922** **8.29**

M Mobile Cable Assemblies. 20' of RG58/U cable.
PL-259 Plug to Lugs. 278-966 ..... **6.39**
PL-259 Plug to Both Ends. 278-967 ..... **6.39**

N Gutter Clamp. For most antennas requiring ⅜" diameter hole. **21-911** **4.59**

O Mirror/Luggage Rack Mounting Bracket. Accepts ⅜"-24 threaded whip antennas. **21-937** **6.95**

P Hole Plugs. Cover ⅜" antenna holes. May be inserted from outside car. **21-920** ..... **Pkg. 2 for 59¢**

RETAIL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Custom-Manufactured in Radio Shack's Own Factories

102" Bumper Mount Stainless Steel Whip Antenna. Full-length for maximum range and efficiency. Adjustable dual chains and bracket make it mountable on many bumpers. Chrome-plated shock spring for whip protection. Includes all mounting hardware. Less cable and connector. **21-915** **25.95**

Single Truckers-II Antenna. For trucks with single West Coast style mirror. Heavy-duty mirror mount, overtone resonators, adjustable tip rod for precise antenna matching. With 10' coax cable and connector. **21-941** **24.95**

Fiberglass-Whip No-Hole Trunk-Grip Antenna. Whip won't rust—ideal for coastal areas and other corrosive environments. For center or either side of trunk. Stainless steel shock spring. Solid brass adapter allows one inch of whip adjustment. PVC coil housing has double chrome-plated brass top, bottom fittings to prevent corrosion. With 16' coax cable, connectors. **21-926** **27.95**

Base-Loaded Magnetic Mount Antenna. No holes to drill! Mounts on any flat magnetic surface. 17-7 type stainless steel whip is hardened to take punishment in stride. Heavy-duty stainless steel shock spring provides stability at highway speeds and the right amount of give under sharp stress. Coil is sealed for added protection. With 16' of coax cable, connector. **21-940** **25.95**

CB/FM/AM Disguise Antenna. A combined auto radio and mobile CB antenna made possible with a passive coupler device. Mounts in standard antenna mounting hole, or wherever you choose. Tapered stainless steel whip. Improves radio performance over in-windshield antenna. With 8½' (approx.) coax cable, splitter, hardware, instructions. **21-990** **28.95**

Stainless Steel Roof Mount Antenna. Whip adjusts for lowest SWR and maximum RF output. ⅜" snap-in for easy installation, solderless connections. With 16' coax cable, connector. **21-904** **23.95**

Archer—America's First Choice in CB—Gives You Superb Performance

102" Stainless Steel Whip Body Mount Antenna. Mounts on any flat surface. Whip is precipitation hardened and offers long lasting efficiency and strength. Swivel ball mount, insulator and heavy back-up plate provide easy universal mounting. Shock spring is heavy-gauge steel and is triple chrome-plated for added protection. Overall length, 108." Lug terminal connections. Less cable. **21-1094** **20.95**

Gutter Clamp Antenna. Great for temporary use—easy car-to-car transfer. The heavy-duty shock spring provides stability at highway speeds with just the right amount of give under sharp stress. Center-loaded, stainless steel whip and spring, chrome-plated support tube. Adjustable top whip. With 10' of coax cable and connector. **21-909** **19.95**

CB Antenna Accessories and Replacement Parts

Stainless Steel Replacement Whip. With adapter. For replacing damaged or lost whips for 21-904, 908 and 940 antennas. **21-952** **5.89**

Fiberglass Replacement Whip. With adapter for replacing damaged or lost whips for 21-925 and 21-926 antennas. **21-953** **6.95**

No-Hole Trunk Mount. Mounts on center or sides of trunk lid. Attaches with ease with 2 set-screws—no holes to drill. **21-913** **8.95**

Replacement Base-Loading Coil. Ruggedly constructed. Replaces coils in Archer 21-904, 21-908, 21-925 and 21-926. **21-951** **10.50**

Plastic Dust Caps. For base-loaded antenna mounts. Keeps out dirt and weather, helps prevent corrosion. **21-545** ..... **Pkg. of 2 for 59¢**

Replacement Collet. For Realistic 21-904 and 21-925 and others. ⅜" snap-in mounts. **21-918** **1.79**

Snap-in Roof Mount. For replacing mounts on base-loaded antennas. Also mounts on cowl, fender or trunk deck. Requires ⅜" hole. **21-914** **6.49**

Replacement Small Spring. Heavy-duty stainless steel spring provides whip protection to your antenna. **21-916** **5.29**

Micronta® Multitesters: Quality, Accuracy, Value

Deluxe Dual FET 26-Range Multitester

49.95

- *10-Megohm Input*
- *Dual Linear Scales for Easy Reading*
- *Built-In Battery Test*
- *Overload-Protected Movement*
- *Single-Knob Range Switch*
- *Ohms Range-Doubler*

Dual FET input for maximum accuracy and minimum circuit loading. 4½" meter is mirrored to prevent parallax errors. DC Volts: 0-1-3-10-30-100-300-1000. AC Volts: 0-10-30-100-300-1000. Current: 0-100 μA: 0-3-30-300 mA, DC. Resistance: 0-30-300-3k-30k-1 megohm; 0-100-1k-10k-100k-3 megohms. Sensitivity: DC Volts, 10 megohms (33 megs for 1000V range); AC Volts, 10,000 ohms per volt; Current, 300 mV. Accuracy: AC Volts, 4%; all other ranges, 3%. 4 5/16x3⅛x1 5/16." With leads. Requires 9V battery. **22-209** **49.95**

43-Range 50,000 Ohms Per Volt Multitester

39.95

- *Range Doubler Switch—Doubles Current and Voltage Ranges*
- *4½" Mirrored Scale*
- *Single-Knob Function Switch*
- *Overload-Protected Meter Movement*

DC Volts: 0-250 mV, 2.5-10-50-250-1000 at 50 kΩ/V; 0-125 mV, 1.25-5-25-125-500 at 25 kΩ/V. AC Volts: 0-10-50-250-1000 at 10 kΩ/V; 0-5-25-125-500 at 5 kΩ/V. DC Current: 0-50 μA, 5-50-500 mA. 10A at 50 kΩ/V; 0-25 μA, 2.5-25-250 mA, 5A at 25 kΩ/V. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 ohms, center scale). Decibels: −20 to +62 in 8 ranges. Accuracy: ±3% DC, ±4% AC. 6 11/16x4⅞x2." With leads. Requires one "AA," one 9V battery. **22-204** **39.95**

Complete Your Workbench at Low Radio Shack Prices!

9.95 A

17.95 B

24.95 C

29.95 D

A **8-Range, 1000 Ohms/Volt Pocket Tester.** Small size makes it perfect for shop, car and home! 2" meter, mirrored scale to prevent parallax, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. Current: 0-150 mA, DC. Resistance: Rx1000 (100,000 ohms, full scale). 3½x2 5/16x1¼." With leads. Requires one "AA" battery. **22-027** **9.95**

B **18 Ranges—20,000 Ohms Per Volt.** Range selector with "off" position, 3" meter, mirrored and color-coded scale, output jack. DC Volts: 0-5-25-125-500-1000 at 20,000 ohms/volt. AC Volts: 0-10-50-250-1000 at 10,000 ohms/volt. Current: 0-50 μA, 0-250 mA. DC. Resistance: Rx1, Rx10, Rx1000 (24 ohms, center scale). dB: −20 to +62 in 4 ranges. Accuracy: ±3% DC, ±4% AC. 5⅛x3½x1 7/16." With leads. Requires one "AA" battery. **22-201** **17.95**

C **25 Ranges, 20,000 Ohms Per Volt.** Single-knob range selector, 4" meter, mirrored scale, 6 pin-jacks including output jack. DC Volts: 0-0.6-3-15-60-300-600-1200 at 20,000 ohms/volt. AC Volts: 0-15-60-150-600-1200 at 10,000 ohms/volt. Current: 0-60 μA, 3-30-300 mA, DC. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 ohms center scale). dB: −20 to +63, 5 ranges. Accuracy: ±3% DC, ±4% AC. 5½x3⅞x1½." With leads. Requires one "AA" battery. **22-202** **24.95**

D **27 Ranges, 30,000 Ohms Per Volt.** Highly sensitive, 4" meter, mirrored scale, 4 banana jacks including output jack, polarity-reverse switch. DC Volts: 0-0.3-1-3-10-30-100-300-1000 at 30,000 ohms/volt. AC Volts: 0-10-30-100-300-1000 at 10,000 ohms/volt. Current: 0-100 μA, 3-30-300 mA, 10 amps, DC. Resistance: Rx1, Rx10, Rx1000, Rx10,000 (10 ohms, center scale). Decibels: −10 to +62 in 5 ranges. Accuracy: ±3% AC, ±4% DC. 6¼x4½x1¾." With leads. Requires one "AA," one 9V battery. **22-203** **29.95**

NEW FOR '81

Tester Carry Cases

Meter not included

Low As **5.95**

Organizes and protects your test equipment. Carries tester, test leads, manuals and extra batteries. Stain-resistant vinyl.

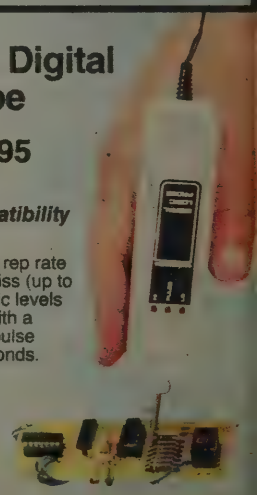
Use with Tester	Cat. No.	Each
#22-203/204/209/196/198	22-153	6.95
#22-201/202/197	22-154	5.95

Hand-Held Digital Logic Probe

26.95

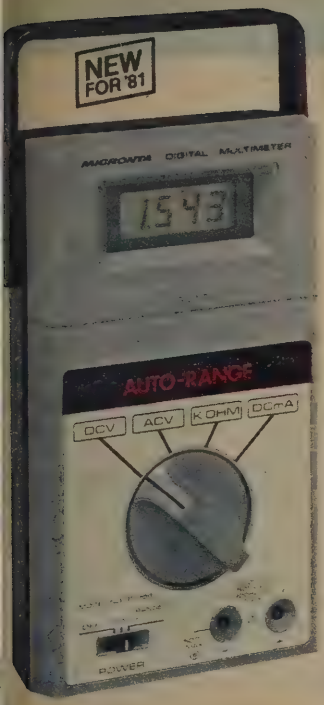
Multi-Logic Compatibility from 5-15VDC

Detects one-shot, low rep rate pulses scopes may miss (up to 1.5 MHz). Detects logic levels high, low or pulsed, with a minimum detectable pulse width of 300 nanoseconds. Over-voltage and reverse polarity protected. 6⅜x¾x1 3/16." 36" leads obtain power from circuit under test. **22-300** **26.95**



WE SERVICE WHAT WE SELL—OVER 100 REPAIR CENTERS NATIONWIDE

Liquid Crystal Digital Multitesters



3½-Digit LCD Automatic Range Multitester

99.95

- *Overload Protected*
- *10-Megohm Input*
- *0.4" Display*

The DVM That "Thinks"

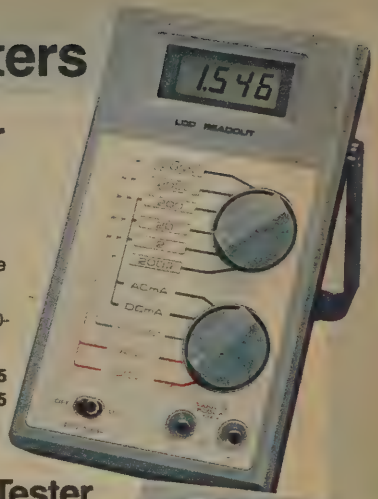
YOU select the desired function—DC Volts, AC Volts, K-Ohms or DC milliamps—IT selects the correct range and polarity, automatically! Exclusive range-hold overrides auto-range when desired. Measures up to 1000 volts DC, 500 volts AC, 200 mA DC, 20 megs resistance. Low-battery and over-range indicators. Size 6⅞x3⅞x1⅝." With leads. Requires 9V battery or AC adapter.
22-196 . . . . . **99.95**
AC Adapter. U.L. listed.
273-1431 . . . . . **4.95**

3½-Digit LCD Multimeter

- *20 Ranges*
- *10-Megohm Input*

79.95

Easy-to-read liquid crystal display with 0.4" digits. Features automatic polarity, zero adjust, over-range and low-battery indicators. AC and DC volts: 2-20-200-2000 (500V max. on AC, 1000V max. on DC). AC and DC Current: 2-20-200 mA. Resistance: 200-2k-20k-200k-2M-20MΩ. Size: 6¾x3¾x1¾." Leads and manual included. Requires 9V battery or AC adapter. **22-198** **79.95**
AC Adapter. U.L. listed. **273-1431** **4.95**



Low-Cost 3½-Digit LCD Tester

- *13 Ranges*
- *10-Meg Input*

59.95

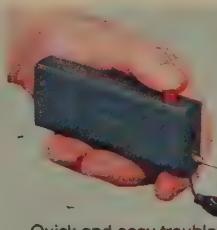
Features easy-to-read .25" display, automatic polarity, zero adjust and over-range indicator. AC Volts: 200-2000 (500V max.). DC Volts: 2-20-200-2000 (1000V max.). DC Current: 2-20-200 mA. Resistance: 2k-20k-200k-2M. Size: 3⁵⁄₁₆x2¹⁄₈x¹⁵⁄₁₆." With leads, instructions, vinyl pouch. Requires 9V battery or AC adapter.
22-197 . . . . . **59.95**
AC Adapter. U.L. listed. **273-1431** **4.95**

Dynamic Transistor Checker

16.95

Tests PNP and NPN Types, In Or Out of Circuit

Indicates current gain, "opens" and "shorts," makes Go No-Go tests on small signal and power types and permits matching of similar transistors. Sockets plus clip leads for in-circuit tests. Output jacks for external meter or scope. 6¼x3x2½." Complete instructions. Requires one "C" battery. **22-024** **16.95**



Pocket Size Signal Injector

5.49 *For RF, IF, AF Circuits, Tube Or Solid State*

Quick and easy troubleshooting of each stage from antenna to speaker. Signal-on/battery condition indicator. With leads. Requires two "AA" batteries.
22-4033 . . . . . **5.49**

AC/DC Continuity Quick-Tester

4.49 *0-20kΩ, 1-300V*

Red LED indicates continuity and voltage with two brightness levels. Detects DC polarity. Overload protected. Requires 2 "AA" batteries. Pocket size, really handy! **22-4034** **4.49**

Microwave Leakage Detector

14.95

Use to Regularly Check for Leakage from Any Microwave Oven

Microwave-frequency leakage from the door seals of faulty ovens can cause serious and even permanent health problems. Protect yourself and your family with this microwave monitor. Easy to use—move detector along seams and meter indicates the relative amount of any microwave energy. **Not a certification instrument.** Requires no AC power or batteries. 1¹⁄₁₆x1⅞x4½."
22-2001 . . . . . **14.95**

Test Lead Kits & Clips for Quick, Convenient Testing

A **5' "Flexi" Test Leads.** "Flexiprobes" with molded strain relief eliminate wire breakage. Fit most testers. **278-740** **Pair/2.69**

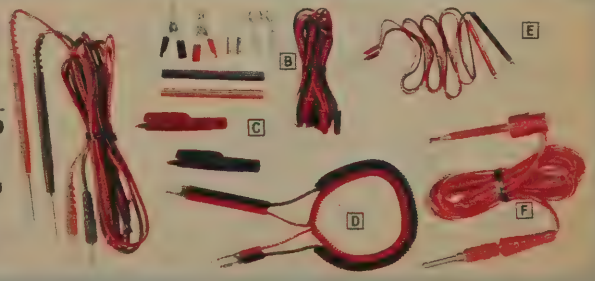
B **11-Pc. Test Lead Set.** Two 4½" probes, 6' black and red test leads with banana plugs, 2 spade lugs, 2 phone tip plugs, 2 insulated clips, case. **270-332** **4.99**

C **Insulated Alligator Clips.** Slip over std. probe tips for hands-free testing. One red, one black. **270-354** **Pair/1.49**

D **Coiled Cord Test Leads.** Color-coded. Solderless 5" test probes at one end, banana plugs at other. Coiled cord extends to 6'. Fits any multitester. **278-750** **Pair/3.99**

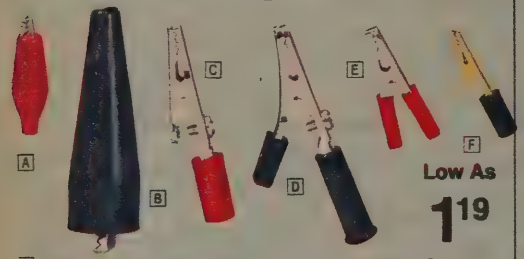
E **50" Test Leads with Banana Plugs.** Nickel-plated solderless brass tips. Molded handles. **278-746** **Pair/3.39**

F **Mini Clip Test Leads.** Miniature clip at one end, banana plug at other. Gold-plated tip conductors. 2¼" long. **278-1160** **Pair/3.59**



Transformers, Knobs, Terminals, Clips—and More

Insulated Alligator Clips



Low As **1.19**

[A] **"Mini" Clips.** 3 black, 3 red, 2 green, 2 yellow. Open to 3/16." 1¼" long. **270-378** ..... **Pkg. of 10/1.29**

[A] **1⅜" Mini Clips.** 6 black, 6 red plastic insulators. Jaw opens to ¼." Solder type. **270-1545** ..... **Pkg. of 12/1.89**

[B] **Heavy-Duty Clips.** 2⅝" long. 2 black, 2 red rated at 10 amps. Screw terminals. **270-349** ..... **Pkg. of 4/1.99**

[C] **2¼" Clips.** Open to 5/16." 3 red, 3 black, 2 yellow, 2 green. Solderless type. **270-375** ..... **Pkg. of 10/1.59**

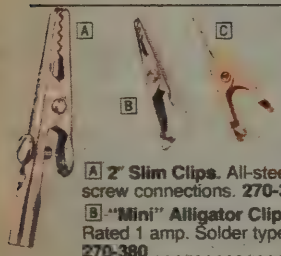
[C] **1-Amp Clips.** Insulated clips. 3 red, 3 black. Jaw opening, ⅜." 1 11/16." Screw terminals. **270-371** .... **Pkg. of 6/1.89**

[D] **2½" Clips.** 5 red and 5 black. Solder type. All steel jaws. **270-347** ..... **Pkg. of 10/1.59**

[E] **"Mini" Alligator Clips.** 5 black and 5 red. Steel jaws. 1⅜" long. **270-374** ..... **Pkg. of 10/1.19**

[F] **"Micro" Clips.** Brass-plated steel, phenolic insulation. 5 red, 5 black. 1⅜" long. **270-1540** ..... **Pkg. of 10/1.99**

Non-Insulated Alligator Clips



Low As **1.09** Pkg. of 10

Solder and Solderless Types

[A] **2" Slim Clips.** All-steel construction. Solderless screw connections. **270-346** ..... **Pkg. of 10/1.59**

[B] **"Mini" Alligator Clips.** 1¼" long. Open to 3/16." Rated 1 amp. Solder type. **270-380** ..... **Pkg. of 12/1.19**

[C] **Copper-Plated Micro Clips.** All-purpose. Open to ¼." 1⅛" long. Solder type. **270-373** ..... **Pkg. of 10/1.09**

Tie-Down Terminal Strips

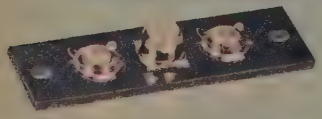
⅜" Centers

Low As **89¢**

Bakelite construction, low-leakage. Solder lug terminals.

No. of Lugs	Cat. No.	Pack of 4
5	274-688	89¢
8	274-692	1.19

Screw Terminal Strips



Low As **79¢**

Bakelite strips. Top-quality cadmium-plated terminals. Ideal for speaker, antenna connections. 1/16x⅜." Solder lugs.

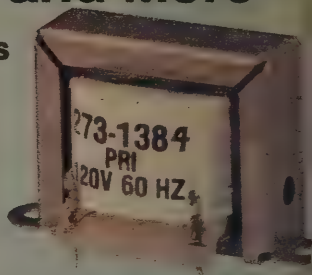
2-Terminal. With centered phono jack. 2⅜" long. **274-820** ..... **Pkg. of 2/1.29**

2-Terminal. Without phono jack. 1 11/16" long. **274-663** ..... **Pkg. of 2/1.09**

4-Terminal. Without phono jack. 2 9/16" long. **274-665** .. **Pkg. of 2/99¢**

4-Terminal. With finger lugs. 2 9/16" long. **274-666** ..... **79¢**

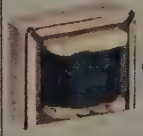
Low-Priced, Quality Power Transformers



Good selection of popular power transformers for electronic projects or replacement use. All have solder lug terminals for easy connections. Miniature types may be PC mounted. Standard and heavy-duty types have steel frames for chassis mounting. 18VCT transformers are ideal for regulated 5V power supplies using center tap or 12V regulated power supplies with bridge rectifier. All primaries designed for 120VAC at 60 Hz.

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	2 1/16x1x1 3/16	273-1384	2.69
Miniature	12	300 mA	2 1/16x1x1 3/16	273-1385	2.89
Miniature	24	300 mA	2⅜x1⅛x1⅜	273-1386	3.19
Standard	6.3	1.2 A	1¼x1 15/16x1 9/16	273-050	3.79
Standard	12.6 CT	1.2 A	2x2⅜x1½	273-1505	3.99
Standard	24	1.2 A	2x1 15/16x3 3/16	273-1480	4.19
Heavy-Duty	12.6 CT	3 A	2¾x2¼x2	273-1511	5.79
Heavy-Duty	25.2 CT	2 A	2¾x2¼x2	273-1512	5.99
Heavy-Duty	12	5 A	4x2x2½	273-1513	10.95
Heavy-Duty	18 CT	4 A	4x2x2½	273-1514	10.95
Heavy-Duty	18 CT	2 A	2¾x2¼x2	273-1515	5.99
Clock Module	10/6/6	500 mA	2 1/16x1⅛x1⅜	273-1530	5.99

Audio Output Transformer

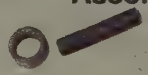


1.29

Miniature size. 1000-ohm center tapped primary. 8-ohm secondary. ¾x⅝x⅝." **273-1380** **1.29**

Assorted Ferrites

NEW FOR '81



1.98 Pkg. of 25

Includes torroids, ferrite beads, cores. Useful for chokes, RF coils, impedance matching transformers. **273-1571** ... **Pkg. of 25/1.98**

Axial-Lead RF Chokes

Low A **89¢**

Low-loss coil forms. Useful for filtering, peaking circuits, RF bypass. ¼x⅞."

0.01 mH, 1.5 Amps. **273-101** ..... **89¢**

0.10 mH, 2.0 Amps. **273-102** **1.09**

Phone Tips, Plugs and Clips

[A] **5" Solderless Test Prods.** Tip plug fits std. phone tip jacks. ½" tip. 5¼" long. **274-720** ..... **Pkg. of 2/1.29**

[B] **Solderless Banana Plugs.** Insulated, fit std. banana jacks. Knurled collar. 2" long. **274-721** ..... **Pkg. of 2/99¢**

[C] **Flexible Banana Plugs.** As above but flexible insulation and strain relief. Solder. **274-730** ..... **Pkg. of 2/99¢**

[D] **Solderless Phone Tips.** Fit std. tip jacks. Knurled collar. 2⅛" long. **274-723** ..... **Pkg. of 2/99¢**

[E] **Banana Jacks.** Insulated bakelite. Fiber washe solder lug, hardware. **274-725** ..... **Pkg. of 2/6**

[F] **5-Way Binding Posts.** 2 black, 2 red. External connection. With solder, insulators, lug terminals. **274-661** ..... **Pkg. of 4/1.**

[G] **Nylon Binding Posts.** Insulated, 1 black, 1 red. Requires 5/16" mounting hole. Solder terminals. **274-662** ..... **Pkg. of 2/1.**

[H] **Mini Test Clips.** Insulated, 1 black, 1 red. 2⅛" overall. **270-372** ..... **Pkg. of 2/1.**

[I] **Extra-Length Test Clips.** For testing components on printed circuit boards or chassis. Includes 1 red, 1 black. **270-352** ..... **Pkg. of 2/1.**

Project and Replacement Knobs

[A]

[B]

[C]

[D]

[E]

[A] **Communications Knobs.** Knurled grip, chrome plate, aluminum inlay. With set-screw. 1½" dia. x ⅞" deep. For ¼" shafts.
0-10 Calibrated. 274-392 ..... **Pkg. of 3/1.99**
Single-Line. 274-391 ..... **Pkg. of 3/1.99**

[B] **Communications Knobs.** Knurled grip. 1⅛" dia. x 11/16" deep. Brass bushings for ¼" shafts.
Single-Line. 274-414 ..... **Pkg. of 2/1.39**
0-10 Calibrated. 274-413 ..... **Pkg. of 2/1.39**

[C] **Hexagon Instrumentation Knobs.** Rugged knobs fit ¼" shafts. 1⅜"Wx⅝"D. **274-407** ..... **Pkg. of 2/1.29**

[D] **Molded Instrumentation Knobs.** All fit ¼" shafts. Brass inserts and set screws included.
¾x7/16." **274-415** ..... **Pkg. of 4/1.59**
1x9/16." **274-416** ..... **Pkg. of 4/1.79**

[E] **¾" Knurled Knobs.** For ¼" shafts. 1½" deep. **274-380** ..... **Pkg. of 6/1.89**

Connectors, Fuses and Parts for Your Hobby Needs

Multi-Conductor Connectors

Low As **99¢**

Error-free indexed pins—plugs of one type will not fit sockets of another. Maximum rating: 500V, 7.5 amps, 1800 watts. Heavy duty, hundreds of electronic and electrical uses.

Male Cord Connectors

No. of Pins	Cat. No.	Each
2	274-201	1.49
4	274-204	1.59
6	274-207	1.79

Female Cord Connectors

2	274-202	1.59
4	274-205	1.69
6	274-208	1.89

Chassis-Mount Connectors

2	274-203	.99
4	274-206	1.09
6	274-209	1.29

Multi-Conductor Quick-Disconnects

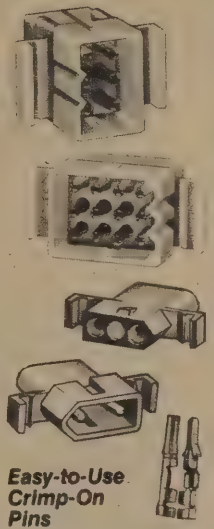
Low As **99¢**

Molded nylon connectors designed to mate with Molex* connectors. Contact pins may be soldered or crimped to wire, then inserted into housing. Standard .093" pin diameter. Each circuit rated 8 amps at 250 volts.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

2-Pin Male/Female Set.
274-222 . . . . . **Pr./99¢**

*Molex is a registered trademark of Molex Inc.

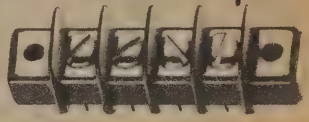


Easy-to-Use Crimp-On Pins

Feedthru Barrier Strips

Low As **1.19**

NEW FOR '81



Made of durable thermoplastic, more rugged than phenolic. Perfect for audio or power hookups. 3/8" centers. Terminals extend 3/16".

Terminals	Cat. No.	Price
4	274-651	1.19
6	274-652	1.49
8	274-653	1.79

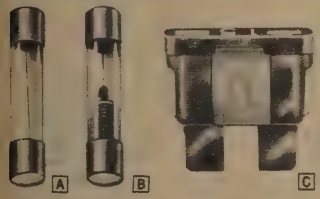
Barrier Terminal Strips

- *7/8" Wide Base*
- *13/32" High*

Low As **1.09**

Terminals	Cat. No.	Pkg. of
2	274-656	2/1.09
3	274-657	2/1.29
4	274-658	1.19 Each
6	274-659	1.29 Each
8	274-670	1.39 Each

Wide Selection of Fuses



NEW FOR '81

Low As **59¢**

Protects Your Equipment

Fast-Acting Fuses "blow" quickly to protect radios, amplifiers, electronic equipment and circuits that normally do not draw heavy current surges. Slow-Blow Fuses provide protection for equipment that requires a high starting current: motors, solenoids, lamp circuits, etc.

A Fast-Acting

Amps	Cat. No.	Pkg. of	Price
1/4	270-1270	3	69¢
1/2	270-1271	3	69¢
3/4	270-1272	3	69¢
1	270-1273	3	59¢
1.5	270-1274	3	59¢
2	270-1275	3	59¢
2.5	270-1260	3	59¢
3	270-1276	3	59¢
4	270-1277	3	59¢
5	270-1278	3	59¢
10	270-1279	3	59¢
15	270-1280	3	59¢

B Slow-Blow

Amps	Cat. No.	Pkg. of	Price
1/2	270-1282	2	99¢
1	270-1283	2	99¢
1.5	270-1284	2	99¢
2	270-1285	2	99¢
3	270-1286	2	99¢
4	270-1289	2	99¢
5	270-1287	2	99¢

A SFE-Type Auto

Amps	Cat. No.	Pkg. of	Price
20	270-1268	3	59¢

C Plastic, Auto

Used in most late model cars and trucks. Carry spares!

Amps	Cat. No.	Pkg. of	Price
5	270-1205	2	89¢
10	270-1206	2	89¢
15	270-1207	2	89¢
20	270-1208	2	89¢
25	270-1209	2	89¢

Fuse Holders for All Uses

A Clip-In Fuse Holder. For 1¼x¼" fuses. Bakelite construction, solder lug terminals.
270-739 . . . . . **Pkg. of 2/79¢**

B Panel-Mount Fuse Holder. For 1¼x¼" fuses. 1⅝" long, requires ½" mounting hole. Solder lug terminals. **270-364** . . . . . **89¢**

C Panel-Mount Fuse Holder. For 1¼x½" fuses. 1⅝" long, requires ½" mounting hole. Square bezel for modern styling. **270-365** . . . . . **99¢**

D In-Line Fuse Holder. Accepts 1¼x¼" fuses. Coil spring assures positive contact pressure. Tinned end leads. **270-1281** . . . . . **89¢**

Quick-Connect. (Not shown.) Solderless. Requires 14 to 24-gauge wire. For 1¼x¼" fuses.
270-366 . . . . . **99¢**

Barrier Strips

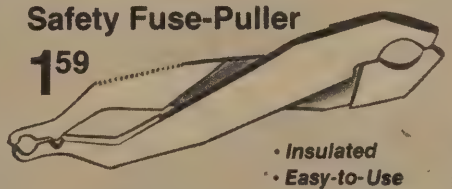
Low As **1.39**

European-style 12, 8, and 4-position molded plastic barrier terminal blocks. Built-in setscrew secures wires for reliable connections. Recessed design prevents accidental contact with live terminals. All accept up to 16-gauge wire and are rated 10 amps at 600V max. per circuit.

A 12-Position. 274-679 . . . . . **1.99**
B 8-Position. 274-678 . . . . . **1.69**
4-Position. (not shown) **274-674** **1.39**

Safety Fuse-Puller

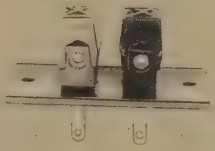
1.59



- *Insulated*
- *Easy-to-Use*

Never struggle to remove fuses again! Do it quickly and safely with these molded tongs. Fits miniature, automotive, industrial and screw-in types.
64-1832 . . . . . **1.59**

Pushbutton Terminals

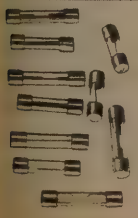


Quick, Safe Connections

99¢

Wire is held in place by spring-loaded contacts. A touch of the molded button releases wire, or allows easy insertion. 2 terminals. 2⅛x¾". **274-315** . . . . . **99¢**

Auto Fuse Kit



1.59 *Keep One in Your Car*

This handy 10-pack of most-used types is a "must" for car and truck owners. Includes two SFE-9, three 14, three 20, one AGC-3 and one AGC-10. **270-1262** **1.59**

Speaker Terminal Board

1.99 NEW FOR '81

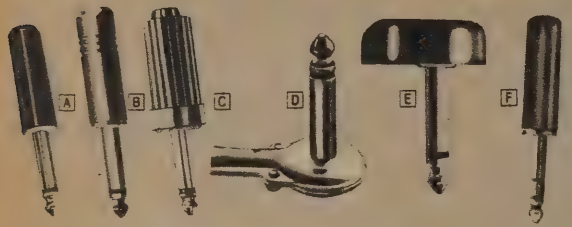
Perfect for building speaker enclosures. Spring-loaded, push-to-connect terminals, plus ¼" phone jack. Accepts up to 16-gauge wire. Includes rubber sealing plug.
274-624 . . . . . **1.99**

Spring-Lever Terminals

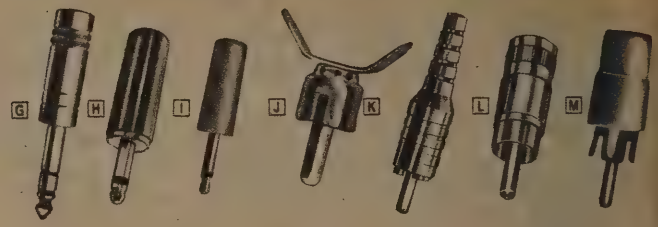
Ideal for Speakers **1.19**

Deluxe front-loaded spring-tension terminals with lever release for quick and easy speaker connections. 2 terminals. 2⅛x15/16". **274-621** **1.19**

Quality Jacks and Plugs for All Your Audio Needs



Phone and Phono Plugs



A **2-Conductor ¼" Phone Plugs.** Long slim type with ½" diameter black bakelite barrel. 2⅞" long.
274-1536 . . . . . **Pkg. of 2/1.69**

B **2-Conductor ¼" Phone Plugs.** Shielded. Long slim type with ½" diameter metal barrel. 2⅞" long.
274-1544 . . . . . **Pkg. of 2/2.49**

C **2-Conductor ¼" Phone Plugs.** Ribbed plastic ¾" dia. barrel takes cord or phone tips. 2⅞" long.
274-1539 . . . . . **Pkg. of 2/1.79**

D **2-Conductor ¼" Phone Plugs.** All metal shielded flat right-angle type. Ideal for space-saving applications. 2⅞" long. **274-254** . . . . . **Pkg. of 2/1.89**

E **Right-Angle ¼" Plug.** 2-Conductor. Black shell. Screw type terminals. **274-256** . . . . . **99¢**

F **3-Conductor ¼" Phone Plugs.** Slim line. Black bakelite barrel. Use with push-to-talk mikes, stereo headphones. 2⅞" long. **274-139** . . . . . **Pkg. of 2/1.79**

G **3-Conductor Phone Plug.** Shielded all-metal type. 1⅝" length barrel. Nickel plated. Solder lug terminals. 2⅞" long. **274-285** **1.59**

H **2-Conductor ⅛" Miniature Phone Plugs.** Solder lug terminals. 1⅝" long.
Black. 274-286 . . . . . **Pkg. of 2/1.29**
Red. 274-287 . . . . . **Pkg. of 2/1.29**
Shielded. 274-288 . . . . . **Pkg. of 2/1.39**

I **2-Conductor 3/32" Subminiature Phone Plugs.** Solder lug terminals. 15/16" long. Sets of 2.
Black. 274-289. Red. 274-290. Tan. 274-291 . . . **Pkg. 2/99¢**

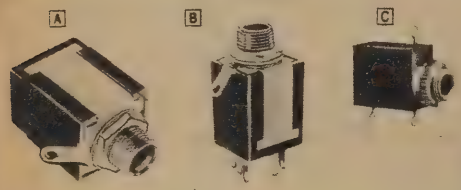
J **Finger-Grip Phono Plugs.** Wing-tip construction for easy use. For fast component hookup.
274-343 . . . . . **Pkg. of 10/1.79**

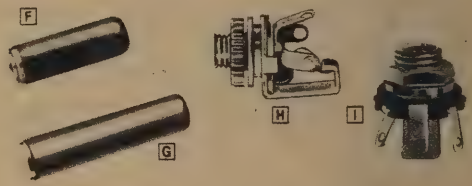
K **Phono Plugs.** 3 black, 3 red. Plastic strain-relief sleeve prevents accidental shorting.
274-451 . . . . . **Pkg. of 6/1.29**

L **Shielded Phono Plugs.** Minimum hum pickup with metal connector that's designed for easier soldering. Mates with all RCA-type phono jacks.
274-339 . . . . . **Pkg. of 2/1.39**

M **Color-Coded Phono Plugs.** Plastic insulated covers prevent short circuits. Cable clamp provides strong, positive connections. Assorted colors.
274-321 . . . . . **Pkg. of 8/1.59**

Phone Jacks for All Applications





A **Enclosed ¼" Phone Jacks.** Accepts standard ¼" phone plugs. Solder lug terminals for positive connections. All include mounting hardware for quick, easy installation.
2-Conductor. Open Circuit. 274-280 . . . . . **69¢**
3-Conductor. Open Circuit. 274-282 . . . . . **89¢**

B **Enclosed ¼" Stereo Phone Jack.** 3-conductor. Double closed circuit. Strong, positive connection. Complete with schematic and hardware.
274-277 . . . . . **1.39**

C **Enclosed ⅛" Miniature Phone Jacks.**
Closed Circuit. 274-296 . . . . . **Pkg. of 2/1.29**
Open Circuit. 274-297 . . . . . **Pkg. of 2/1.19**

D **Inline ¼" Phone Jacks.** Durable black bakelite shell. Accepts standard ¼" phone plug. ⅝x1½".
274-340 . . . . . **Pkg. of 2/1.69**

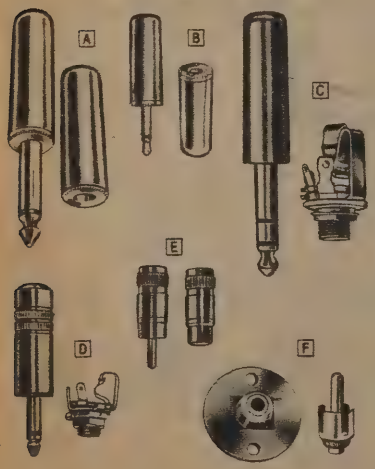
E **¼" Phone Jack.** Accepts standard ¼" phone plugs.
2-Cond. Open Cir., 2 Closed. 274-324 Pkg. of 4/2.19
2-Conductor. Open Circuit. 274-252 Pkg. of 2/1.29
2-Conductor. Closed Circuit. 274-255 Pkg. of 2/1.39
3-Conductor. Open Circuit. 274-312 Pkg. of 2/1.99
3-Conductor. Closed Circuit. 274-311 Pkg. of 2/2.39

F **2-Conductor Inline Mini Phone Jacks.** Accepts ⅛" mini phone plugs. Easy to install.
274-333 . . . . . **Pkg. of 2/1.29**

G **Stereo Inline ¼" Phone Jack.** Slim black plastic 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals 2¼" long.
274-141 . . . . . **Pkg. of 2/1.79**

H **2-Conductor 3/32" Subminiature Phone Jacks.** Accepts subminiature phone plugs. Closed circuit.
274-292 . . . . . **Pkg. of 2/1.19**

I **2-Conductor ⅛" Miniature Phone Jacks.** Mounts in ⅛" hole. Usable in panels up to ⅛" thick. Easy to install.
Open Circuit. 274-251 . . . . . **Pkg. of 3/1.19**
Closed Circuit. 274-253 . . . . . **Pkg. of 3/1.39**



Plug and Jack Sets

A **¼" Standard.** Phone plugs and inline jacks. One set red, one set black. Screw terminals.
274-1241 . . . . . **Pkg. of 2 Sets/2.49**

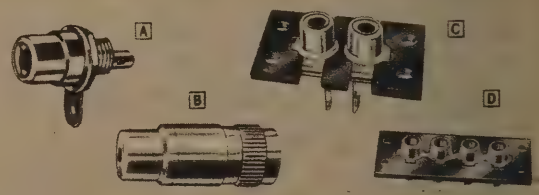
B **⅛" Miniature.** One black and one red for easy identification. Includes 2 phone plugs, 2 inline jacks.
274-283 . . . . . **Pkg. of 2 Sets/1.99**

C **3-Conductor Plug and Jack.** ¼" open circuit jack and matching phone plug. Black bakelite shell, solder lug terminals. Includes mounting hardware.
274-323 . . . . . **Set/1.69**

D **⅛" Miniature.** Set of 2 matching shielded phone plugs and closed circuit jacks. All-metal plug prevents hum pickup. **274-336** . . . . . **Pkg. of 2 Sets/1.59**

E **Shielded Phono Plugs and Jacks.** Two sets of RCA-type plugs and jacks for audio connections. Fully shielded to prevent hum pickup.
274-334 . . . . . **Pkg. of 2 Sets/1.69**

F **Phono Plug and Jack Sets.** For use in phonos, amplifiers, tuners, hi-fi equipment.
274-1575 . . . . . **Pkg. of 8/1.99**



Quality Phono Jacks

A **Shielded Phono Jack.** Accepts RCA phono plug. Fits ¼" mounting hole. Solder lug terminals for positive, low-loss connections. Size ⅜x⅜". **274-346** . . . . . **Pkg. of 4/1.79**

B **Shielded Inline Phono Jack.** Solder lug terminals. Mates with RCA phono plugs. Rugged metal construction for reliability.
274-338 . . . . . **Pkg. of 2/1.19**

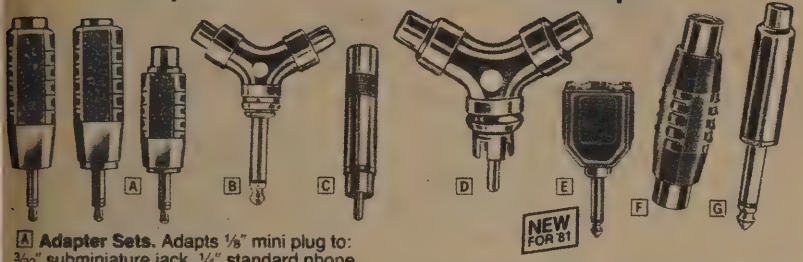
C **Dual Phono Jack.** Chassis mount for stereo changers, amplifiers, other components. Accepts two RCA-type plugs. Phenolic construction. **274-332** . . . . . **Pkg. of 2/99¢**

D **Quad Phono Jack.** Chassis mount design accepts up to 4 RCA-type phono plugs. Phenolic construction. **274-322** . . . . . **89¢**

RETAIL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Wide Selection of Audio Adapters, Plugs and Jacks

Adapters for Trouble-Free Hook-ups



A **Adapter Sets.** Adapts ⅛" mini plug to: 3/32" subminiature jack, ¼" standard phone jack, RCA-type phono jack.
274-359 . . . . . **Pkg. of 3/2.69**

B **Shielded "Y" Adapter.** Two RCA-type phono jacks connected in parallel to a standard ¼" phone plug. **274-304** **1.79**

C **¼" Phone Jack to Phono Plug.** Connects mikes, guitars, etc. to phono jack inputs. **274-389** . . . . . **Pkg. of 2/2.39**

D **Shielded "Y" Adapter.** Two phono jacks connected in parallel to one RCA-type phono plug. **274-303** **1.79**

E **Dual Microphone/Speaker Adapter.** Adapts two ¼" 2-conductor phone plugs into a single ¼" phone plug. **274-309** **2.69**

F **Dual Phono Jack Couplers.** Back-to-back RCA-type phono jacks to connect two cables with RCA-type phono plugs.
274-1553 . . . . . **Pkg. of 2/1.39**

G **Phono Plug Adapters.** Inline adapter converts RCA-type phono plug to standard ¼" plug. Molded plastic body. Size: ½x2⅞".
274-320 . . . . . **Pkg. of 2/2.19**

Headphone Adapters

Use your stereo headphones with portable radios, recorders, TVs, communications gear. Makes your stereo headphones more versatile!

A **DUAL JACK ADAPTERS. Stereo ¼" Phone Plug.** Adapts two stereo headphones to a single ¼" stereo plug. **274-302** **2.99**
Mini ⅛" Phone Plug. Adapts two ⅛" miniature phone plugs to a single ⅛" plug. **274-310** **1.59**

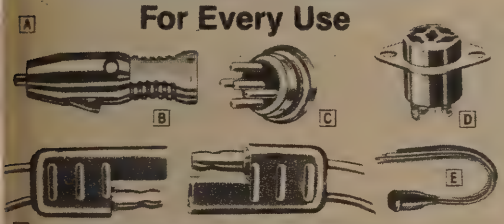
B **¼" Stereo Jack to Mono ¼" Phone Plug.** Perfect for using stereo headphones with CB's, shortwave sets, mono audio equipment.
274-360 . . . . . **1.59**

C **¼" Stereo Jack to ⅛" Mini Phone Plug. 274-361** **1.59**

D **¼" Stereo Plug to ⅛" Jack.** Permits listening or recording in mono from stereo headphone output jack. **274-353** **1.59**

E **¼" Stereo Plug to Phono Jack.** Combines left and right channels from stereo headphone jack to mono output through phono jack.
274-365 . . . . . **1.59**

Automotive Connectors For Every Use



A **Auto Lighter Plug.** Power DC accessories directly from vehicle's cigarette lighter socket. **274-331** **1.09**

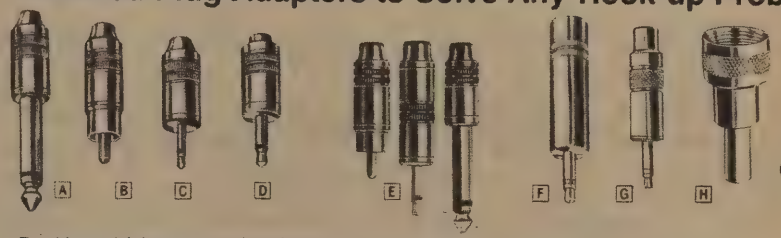
B **Quick-Disconnect Plugs.** Polarized, heavy duty contacts. 12" loop of wire with mating connectors.
270-026 . . . . . **99¢**

C **5-Pin Speaker/Power Plugs.** Fits Realistic and most other brands of tape players.
274-1210 . . . . . **Pkg. of 2/79¢**

D **5-Pin Chassis-Mount Sockets.** Mates with above plugs. **274-1212** . . . . . **Pkgs. of 2/1.39**

E **5-Pin Inline Socket with Leads.** Mates with above and most speaker wiring harnesses. **274-1215** **1.39**

Shielded Plug Adapters to Solve Any Hook-up Problem



Positive Mating Contacts

Provides quick interconnections between audio components whose existing connectors do not mate. Shielded to prevent hum.

A Adapts ⅛" miniature phone plug to standard ¼" phone plug. **274-325** **1.39**

B Adapts ⅛" miniature phone plug to RCA-type phono plug. **274-326** **1.39**

C Adapts ⅛" miniature phone plug to 3/32" subminiature phone plug. **274-327** **1.39**

D Adapts 3/32" subminiature phone plug to ⅛" miniature phone plug. **274-328** **1.39**

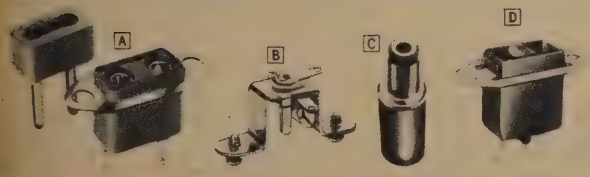
E **3-Piece Plug Adapter Set.** Adapts ⅛" mini phone plug to RCA plug, ⅛" mini phone plug to ¼" phone plug, RCA phono plug to 3/32" submini plug.
274-046 . . . . . **Pkg. of 3/2.69**

F Adapts ¼" plug to ⅛" plug. **274-047** **1.39**

G Adapts RCA-type phono plug to ⅛" plug.
274-330 . . . . . **1.39**

H **Mike Adapter Plug.** Adapts standard ¼" plug to screw-on type coaxial mike plug. **274-048** **1.39**

2-Pin and Power Connectors



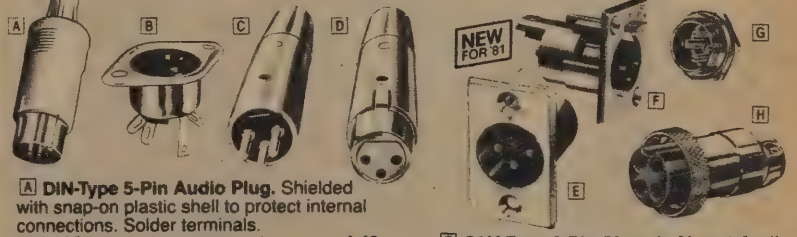
A **2-Pin Plugs and Sockets.** Set of 6 in red, black and ivory. Plug size, ¾x½". Chassis mount socket, size ½x½" **274-342** **3 Sets/2.49**

B **Chassis Mount Jack.** Coax jack for plugs below. One each of .085 and .097" sizes. **274-1549** . . . . . **Pkg. of 2/99¢**

C **Coax Plugs.** Fit adapter sockets of most battery operated equipment and jacks listed above. One each of .085 and .097" inside diameter.
1" Long. .218" outside diameter. **274-1551** . . . . . **Pkg. of 2/1.69**
1⅜" Long. .196" outside diameter. **274-1550** . . . . . **Pkg. of 2/1.79**

D **AC Sockets.** Chassis mounting requires minimum mounting space. Solder lugs. Easy-mounting flange with 1.25" hole spacing. U.L. listed.
270-642 . . . . . **Pkg. of 4/1.29**

Popular Audio and DIN-Type Connectors



A **DIN-Type 5-Pin Audio Plug.** Shielded with snap-on plastic shell to protect internal connections. Solder terminals.
274-003 . . . . . **1.49**

B **DIN-Type 5-Pin Chassis Socket.** Designed to accept 3 or 5-pin male DIN-Type plugs. Solder terminals. **274-005** . . . . . **59¢**

C **A3M-Type 3-Pin Audio Connector.** All-metal. Features cable strain relief bushing. With plated bronze contacts. 3⅞x¾".
274-010 . . . . . **3.19**

D **A3F-Type 3-Pin Audio Connector.** Mates with A3M or C3M connector. Cable strain relief bushing. 2¾x¾".
274-011 . . . . . **3.19**

E **C3M-Type 3-Pin Chassis-Mount Audio Connector.** Non-locking type. All-metal. Bronze contacts. **274-012** **2.99**

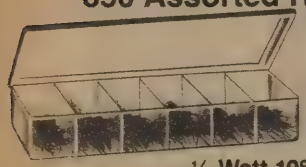
F **C3F-Type 3-Pin Audio Connector.** Locking type. Like C3M, above, but accepts A3M-type audio connector.
274-013 . . . . . **3.69**

G **4-Pin Chassis Mount Socket.** Mates with 4-pin plug (below). Solder terminals.
274-002 . . . . . **99¢**

H **4-Pin Mike Plug.** With cable strain relief. Solder terminals. **274-001** **1.59**

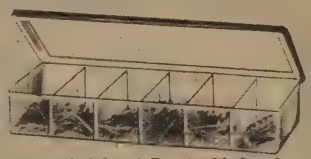
Wide Selection of Quality Resistors and Controls

350 Assorted Resistors in See-Thru Box



9.95 Each

½-Watt 10%



¼-Watt 5%

$33.25 Individual Parts Value!

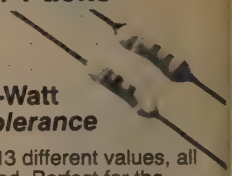
Popular values: 10, 15, 22, 27, 33, 47, 68, 82, 100, 150, 180, 220, 270, 330, 390, 470, 560, 680, 1k, 1.2k, 1.5k, 1.8k, 2.2k, 3.3k, 3.9k, 4.7k, 5.6k, 6.8k, 8.2k, 10k, 12k, 15k, 22k, 27k, 33k, 39k, 37k, 56k, 100k, 120k, 150k, 220k, 270k, 470k, 1 meg, 2.2 meg, 10.0 meg. **271-601** . **Pkg. of 350/9.95**

$27.30 Individual Parts Value!

Popular values: 10, 15, 22, 27, 33, 39, 47, 51, 68, 82, 100, 150, 220, 270, 330, 390, 470, 510, 680, 820, 1k, 1.2k, 1.5k, 1.8k, 2.2k, 2.7k, 3.0k, 3.3k, 3.9k, 4.7k, 5.1k, 5.6k, 6.8k, 8.2k, 10k, 12k, 15k, 20k, 22k, 27k, 33k, 47k, 51k, 56k, 68k, 82k, 100k, 120k, 150k, 220k, 470k, 1 meg, 1.5 meg, 3.3 meg, 4.7 meg, 10 meg. **271-602** . . . . . **Pkg. of 350/9.95**

100-Piece Resistor Packs

2.99 Each



½-Watt *10% Tolerance*

Includes 21 values, all color-coded. 6 each: 100Ω, 1k, 4.7k, 10k, 100k; 5 each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; 4 each: 180Ω, 390Ω, 2.2k, 56k, 120k, 330k; 3 each: 22k, 270k. **271-306** **2.99**

¼-Watt *5% Tolerance*

Includes 13 different values, all color-coded. Perfect for the builder or hobbyist. 10 each: 10Ω, 1k, 10k, 100k; 8 each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg; and 4 each: 150Ω, 220Ω, 15k. **271-308** **2.99**

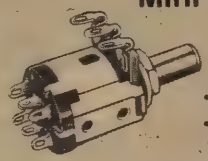
Mini PC Potentiometers

49¢ Each

⅛-Watt

Ohms	Cat. No.	Each
1k	271-333	.49
10k	271-335	.49
25k	271-336	.49
100k	271-338	.49
500k	271-339	.49

Mini Controls

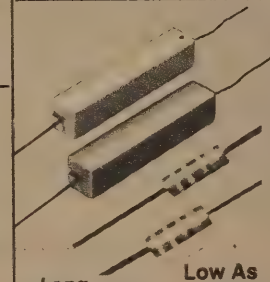


1.69 Each

- *With Switch*
- *Fits 5/16" Hole*
- *5/8x3/4x1"*

Value	Cat. No.	Each
5k	271-214	1.69
10k	271-215	1.69
100k	271-216	1.69

Wirewound Power Resistors



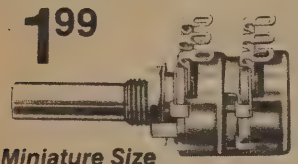
Long Axial Leads

Low As 49¢

Watts	Ohms	Tolerance	Cat. No.	Price
1	0.56	5%	271-072	2/69¢
1	1.0	5%	271-073	2/69¢
1	3.3	5%	271-075	2/69¢
2	10.0	10%	271-080	2/69¢
5	0.1	10%	271-128	49¢
5	0.33	10%	271-129	49¢
5	0.47	10%	271-130	49¢
10	1.0	10%	271-131	2/89¢
10	10	10%	271-132	2/89¢
10	50	10%	271-133	2/89¢
10	100	10%	271-135	2/89¢

Quality Controls for Replacements or Projects

1.99



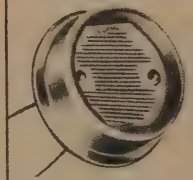
Miniature Size

Stereo Potentiometer

Ideal for Volume/Tone Controls

Two 100,000 ohm audio taper controls on a single shaft. Only 5/8" dia. by 7/8" deep. 1/4" dia. shaft is 3/8" long. With mtg. nut, washer.
271-224 . . . . . **1.99**

Cadmium Sulfide Photoresistor



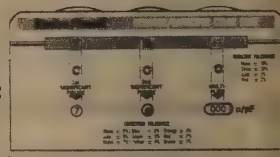
1.19

Peak Sensitivity for Yellow-Green Light (2870° K)

Wide resistance range—5 megohms (in darkness) to 100 ohms (bright light). Maximum power dissipation: 200 mW at 170V.
½x¼" **276-116** **1.19**

Color-Code Guide

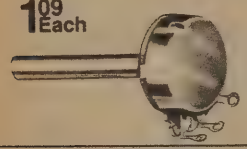
39¢



Pocket size, quick numerical readout of resistor, capacitor, and inductor values and tolerances in ohms, pF, and µH. RETMA standard. Really handy!
271-1210 . . . . . **39¢**

Potentiometers

1.09 Each



Audio Taper		
Value	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09
Linear Taper		
5k	271-1714	1.09

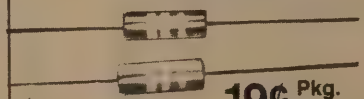
Linear Taper (Cont'd)		
Value	Cat. No.	Each
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1 meg	271-211	1.09
2 meg	271-093	1.09

SPST Pot Switch

69¢

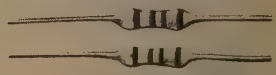
On/Off switch mounts on rear of controls below, as well as most standard pots. Rated 3A at 120VAC. Easy assembly. With instructions.
271-1740 . . . . . **69¢**

½-Watt Resistors 10% Tolerance



19¢ Pkg. of 2

¼-Watt Resistors 5% Tolerance



39¢ Pkg. of 5

½-Watt		½-Watt		½-Watt		¼-Watt		¼-Watt	
Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No
10	271-001	560	271-020	22k	271-038	10	271-1301	10k	271-1335
15	271-003	680	271-021	27k	271-039	47	271-1307	15k	271-1337
22	271-005	1k	271-023	33k	271-040	100	271-1311	22k	271-1339
27	271-006	1.2k	271-024	39k	271-041	150	271-1312	27k	271-1340
33	271-007	1.5k	271-025	47k	271-042	220	271-1313	33k	271-1341
47	271-009	1.8k	271-026	56k	271-043	270	271-1314	47k	271-1342
68	271-010	2.2k	271-027	100k	271-045	330	271-1315	68k	271-1345
82	271-011	3.3k	271-028	120k	271-046	470	271-1317	100k	271-1347
100	271-012	3.9k	271-029	150k	271-047	1k	271-1321	220k	271-1350
150	271-013	4.7k	271-030	220k	271-049	1.8k	271-1324	470k	271-1354
180	271-014	5.6k	271-031	270k	271-050	3.3k	271-1328	1meg	271-1356
220	271-015	6.8k	271-032	470k	271-053	3.9k	271-1329	10meg	271-1365
270	271-016	10k	271-034	1meg	271-059	4.7k	271-1330	.....	.....
330	271-017	12k	271-035	2.2meg	271-061	6.8k	271-1333	.....	.....
390	271-018	15k	271-036	10.0meg	271-069	.....	.....	.....	.....
470	271-019	.....	.....	.....	.....	.....	.....	.....	.....

Printed Circuit Potentiometers

59¢ Each

- *¼-Watt*
- *260° Rotation*

Thumbwheel or screwdriver adjustable. Mount vertically on PC boards or terminal strips.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1 meg	271-229	.59

Shop the "Parts Place" for Value-Priced Capacitors

Xenon Strobe Flashtube

2.99 *Build a Strobe Light or Slave Photoflash*

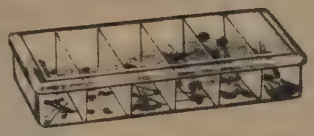
Perfect for projects or replacement use. Trigger voltage: 4 kV. Anode: 300V max., 200V min. Includes data.
272-1145 ..... **2.99**

4 kV Trigger Coil

1.39 *Build Your Own Flash!*

Ideal for use with flashtube (above) to make master or slave strobe units. Requires 200-300V primary source. Includes wiring diagrams.
272-1146 ..... **1.39**

150 Ceramic Discs



$22.75 Individual Parts Value! **9.95**

50WVDC. Contains 15 .005µf, 10 each of 100, 220, 470pF; .001, .002, .01, .02, .05, .1µF; 5 each of 5, 47, 68, 330pF; 25 other assorted values. Sealed construction. **272-601** **9.95**

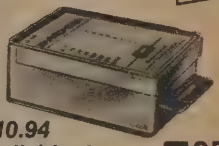
35 Radial-Lead Electrolytics

$20.11 Individual Parts Value! **9.95**

35WVDC. 6 each of 4.7, 10, 22 and 47µF; 4 of 100µF; 3 of 220µF; 2 each of 470 and 1000µF. Ideal for PC board use.
272-602 ..... **9.95**

16 Axial-Lead Electrolytics

NEW FOR '81



$10.94 Individual Parts Value **5.95**

35WVDC. Contains 3 each of 4.7, 10, 47µF; 2 of 22, 100µF; 1 of 220, 470, 1000µF. Includes reusable plastic storage box!
272-604 ..... **5.95**

Metalized Film Capacitors

Low As **39¢** *For Axial or PC Use*

Aluminum deposited mylar film for low leakage. High stability—resists temperature changes.

µF	Cat. No.	Each
.01	272-1051	.39
.047	272-1052	.49
.1	272-1053	.59
.22	272-1058	.69
.47	272-1054	.79
1.0	272-1055	.89

Quality Ceramic Disc Capacitors

Low As **29¢** Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating for dependability. High "Q" for low loss in RF circuits. 50 WVDC minimum.

pF	Cat. No.	Price	µF	Cat. No.	Price
4.7	272-120	.29	.001	272-126	.29
47	272-121	.29	.005	272-130	.29
100	272-123	.29	.010	272-131	.29
220	272-124	.29	.050	272-134	.39
470	272-125	.29	.100	272-135	.39

Printed Circuit Capacitors

- *Epoxy Coated*
- *50 WVDC*

Low As **59¢** Pkg. of 2

Miniature size. High dielectric strength. Long radial leads. Rugged construction.

µF	Per Pkg.	Cat. No.	Price
.01	2	272-1065	.59
.022	2	272-1066	.69
.047	2	272-1068	.69
.1	2	272-1069	.79
.22	2	272-1070	.89
.47	1	272-1071	.79

Kit of 10 PC Electrolytics

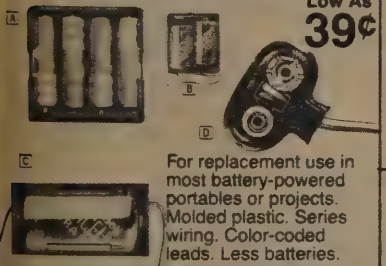
Reg. Separate Items 6.40 **3.95** Pkg. of 10

- *Radial Leads*
- *Low Leakage Current*

Package of electrolytics containing two each of most-used values: 4.7, 10, 22, 47 and 100 µF. Rated 35 WVDC.
272-1035 ..... **Pkg. of 10/3.95**

Plastic Battery Holders and Clips

Low As **39¢**



For replacement use in most battery-powered portables or projects. Molded plastic. Series wiring. Color-coded leads. Less batteries.

Cat No	Holds	Each
A 270-382	2 "AA"	.79
270-383	4 "AA"	.89
270-388	4 "AA"	.89
270-391	4 "AA"	.89
270-384	6 "AA"	.99
270-387	8 "AA"	1.19
B 270-385	2 "C"	.99
270-390	4 "C"	1.19

Cat No	Holds	Each
270-386	2 "D"	1.19
270-389	4 "D"	1.29
C 270-401	1 "AA"	.39
270-402	1 "C"	.49
270-403	1 "D"	.59

D **Plastic 9V Clips.** Color-coded leads.
270-325 **Pkg. of 5/99¢**

Disc Capacitors

1.98 Pkg. of 100 — Up to 1000 WVDC

Less Than 2¢ Each!

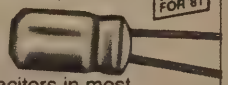
Includes NPO's, Hi-Q's, temperature compensated as well as mylar and ceramic types. Values from 2 pF to 0.1 µF. May include ratings 50V to 1000V.
272-801 ..... **Pkg. of 100/1.98**

Low-Leakage Electrolytics

NEW FOR '81

- *35WVDC*
- *Radial Leads*

Low As **49¢**



Replaces tantalum-type capacitors in most applications.

µF	Cat. No.	Each	µF	Cat. No.	Each
.1	272-1415	.49	1.0	272-1419	.49
.22	272-1416	.49	2.2	272-1420	.59
.47	272-1417	.49	3.3	272-1421	.59
.68	272-1418	.49	4.7	272-1422	.59
			10.0	272-1423	.59

Non-Polarized Electrolytics

Low As **79¢**

All Rated 50 WVDC

Ideal for speaker crossover networks, filters and other audio uses. Long axial leads.

µF	Cat. No.	Each
1.0	272-996	.79
2.2	272-997	.79
4.7	272-998	.89
10.0	272-999	.99

Miniature Electrolytic Capacitors

Axial Type

Low As **49¢**

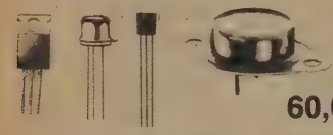
PC Type

High-grade aluminum cans use special end-seals for long life. Welded at all critical terminations. Popular values in both axial and PC types.

µF	WVDC	Leads	Cat. No.	Each
220	16	Axial	272-1006	.79
220	16	PC	272-956	.79
470	16	PC	272-957	.89
1000	16	PC	272-958	.99
4.7	35	Axial	272-1012	.49
4.7	35	PC	272-1024	.49
10	35	Axial	272-1013	.59
10	35	PC	272-1025	.59
22	35	Axial	272-1014	.69
22	35	PC	272-1026	.69
47	35	Axial	272-1015	.69
47	35	PC	272-1027	.69
100	35	Axial	272-1016	.79
100	35	PC	272-1028	.79
220	35	Axial	272-1017	.89
220	35	PC	272-1029	.89
470	35	Axial	272-1018	.99
470	35	PC	272-1030	.99
1000	35	Axial	272-1019	1.59
1000	35	PC	272-1032	1.59
2200	35	Axial	272-1020	2.49
3300	35	Axial	272-1021	2.99
4700	35	Axial	272-1022	3.59
100	50	PC	272-1044	.89
470	50	Axial	272-1046	1.59
1000	50	Axial	272-1047	1.99
2200	50	Axial	272-1048	3.49

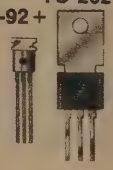
Archer® Transistors – Great Replacements at Low Cost

TO-220 TO-5 TO-92 TO-3



Radio Shack Has Replacements for More Than 60,000 Transistor Types!

TO-92 + TO-202



Top Quality • Data and Pin Diagrams Included

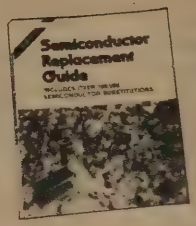
Complete Cross-Reference in Our Archer Semiconductor Handbook

Cat. No.	Specifications (Maximum) Family/Application	Diss.	V_{CBO} V	V_{EBO} V	I_C mA	Typ. Hfe	Type	Case Style	Each
	GERMANIUM								
276-2007	Gen. Purpose. High Frequency Amp	150mW	30	25	300	40	PNP	TO-5	1.09
	SILICON								
276-2008	Med. Power Amp	1W	300	7	30	40	NPN	TO-92 –	1 19
276-2009	Gen. Purpose Amp and High Speed Switch	600mW	75	6	800	50	NPN	TO-92	.89
276-2010	Low-Level. Low-Noise High-Gain Amp	360mW	60	6	50	250	NPN	TO-92	.89
276-2011	RF/IF Amp and Oscillator	600mW	30	3	50	20	NPN	TO-92	.99
276-2013	Gen. Purpose. Low Frequency Amp	350mW	50	4.5	50	250	NPN	TO-92	.89
276-2014	Gen. Purpose Audio Amp	360mW	50	5	800	100	NPN	TO-92	.89
276-2016	Gen. Purpose Amp and Switch	360mW	60	6	200	100	NPN	TO-92	.79
276-2017	Power Audio Amp	40W	40	5	3A	35	NPN	TO-220	1.29
276-2018	Power Amp and High Speed Switch	40W	40	5	1A	15	NPN	TO-220	1.29
276-2019	Power Amp and High Speed Switch	90W	40	5	10A	20	NPN	TO-220	1 69
276-2020	Power Amp and High Speed Switch	90W	100	7	15A	20	NPN	TO-220	1 69
276-2021	Gen. Purpose Amp and Med. Power Switch	350mW	12	4	80	30	PNP	TO-92	.89
276-2023	Gen. Purpose Amp and High Speed Switch	400mW	60	5	600	50	PNP	TO-92	.79
276-2024	Gen. Purpose Amp and Med. Power Switch	360mW	40	5	200	60	PNP	TO-92	.89
276-2025	Power Audio Amp	40W	40	5	3A	35	PNP	TO-220	1 29
276-2026	Power Amp and High Speed Switch	40W	40	5	1A	15	PNP	TO-220	1.29
276-2027	Power Audio Amp	90W	40	5	10A	50	PNP	TO-220	1.49
276-2030	Gen. Purpose Power Amp, High Current	1W	60	5	700	50	NPN	TO-5	.89
276-2032	Low-Noise, High-Gain Med. Power Switch	350mW	25	4	80	30	PNP	TO-92	.79
276-2033	High Speed Switch, High Current	350mW	60	5	500	100	NPN	TO-92	.79
276-2034	Gen. Purp. Audio Amp	350mW	40	5	200	100	PNP	TO-92	.79
276-2038	200 MHz RF Power Amp	5W	60	3.5	400	100	NPN	TO-39	1.99
276-2039	High-Power Amp and Switch	100W	45	5	12A	100	NPN	TO-3	2.19
276-2040	High-Power Amp and Switch	100W	45	5	12A	100	PNP	TO-3	2.19
276-2041	High-Power Amp and Switch	115W	100	7	15A	50	NPN	TO-3	1 99
276-2042	High-Power Darlington	120W	60	7	15A	20,000	NPN	TO-3	2.49
276-2043	High-Power Amp and Switch	150W	100	7	15A	70	PNP	TO-3	1 99
	JAPANESE REPLACEMENT TRANSISTORS								
276-2047	2SD287A High-Power Amp and Switch	100W	200	7	10A	80	NPN	TO-3	1.99
276-2048	2SD313 Power Audio Amp	30W	60	5	3A	180	NPN	TO-220	1 79
276-2049	2SB596 Power Audio Amp	30W	80	5	4A	140	PNP	TO-220	1 69
276-2050	2SA733	250mW	50	5	100	200	PNP	TO-92	.79
276-2051	2SC945 Complimentary Small Signal AF, Switching	250mW	60	5	100	200	NPN	TO-92	.79
276-2052	2SC1096 Power Audio Amp	10W	40	2	5A	100	NPN	TO-220	1.19
276-2053	2SC1307 180 MHz RF Power Amp	25W	45V	4	8A	85	NPN	TO-220	2.19

N-CHANNEL FIELD EFFECT TRANSISTORS		Diss. mW	V_{dss} V	V_{gss} V	gfs mmhos	Case Style	Each
276-2028	Small Signal VHF Mixer and Amp	330	50	50	1.5 4.5	TO-92	1 19
276-2035	Small Signal General Purpose	360	25	-25	2.0 6.5	TO-92	.99
276-2036	RF Amp to 200 MHz	300	30	30	3.5 6.5	TO-72	1 29
276-2046	2SK212 RF FET (Japanese Replacement)	200	20	20	2.0 6.0	Y2	.99
276-2070	VN10KM VMOS Power FET	1W	60	60	100-200	TO-92 –	1 59
276-2071	VN67AF VMOS Power FET	15W	60	60	250(TYP.)	TO-202	2.49

		Diss. (mW)	V_{DG1}, $_{DG2}$	V_{DS}	gfs min. max	Each
276-2045	Dual Gate MOSFET Mixer, oscillator, RF amp	360	35V	27V	17.40 µmhos	1.59

Cat. No.	Family Application	Diss	rBB	N	VEB	VOB	IP	Case	Each
276-2029	Unijunction Transistor	360mW	9.1k	.82	4.0V	3.0V	5.0µA	X55	.99



Archer Semiconductor Reference Handbook

NEW FOR '81

2.99

Available Oct. 15, 1980

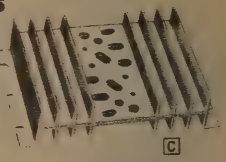
Sold Only at Radio Shack!

The comprehensive guide to Radio Shack's wide range of semiconductor devices. Cross reference/substitution listings for over 100,000 types. Pin connections and detailed data for ICs, diodes, SCRs, LEDs, optoelectronics, and more! **276-4004** **2.99**

Heat Sinks

A B

Low As 79¢



C

A **TO-220 Heat Sink.** Ideal for PC board mounted power semiconductors in TO-220 cases. Anodized aluminum. **276-1363** ..... **79¢**

B **TO-3 Heat Sink.** For power devices in TO-3 cases. **276-1364** **1.39**

C **Universal.** Aluminum sink mounts two power devices, accepts 9 case styles. **276-1361** **2.99**

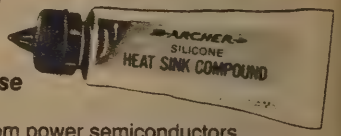
Protective Heat Sinks

2.29 Pack of 5 *Spring-Loaded*

For soldering transistors and other heat-sensitive devices without damage. 2½" and 1⅜" straight and bent-jaw types. With magnetic base. **276-001** ..... **Pkg. of 5/2.29**

Heat Sink Compound

1.19 *Silicone Base Grease*



Insures proper heat transfer from power semiconductors to heat sink or chassis. **276-1372** **1.19**

Transistor Sockets and Hardware

A

B

Low As 49¢

C

A **Power Transistor Sockets.** For transistors, other semiconductors in TO-3 case. **276-029** ... **Pkg. of 2/69¢**

B **Transistor Sockets.** Accept transistors with inline or triangle contact pattern. **276-548** ..... **Pkg. of 6/1.69**

C **Mounting Hardware.** For power transistors and other semiconductors. Includes screws, insulating washers, bushings.

Cat. No.	For Case	Each
276-1371	TO-3	.49
276-1373	TO-220	.49

Make the Switch to Radio Shack LIFETIME® Tubes

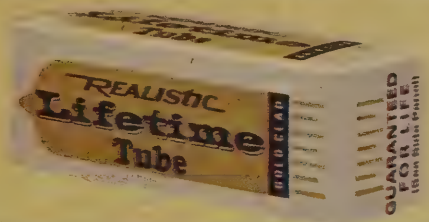
For Performance and Reliability

Tube Type	Each
2AV2	4.19
3A3/3AW3	5.39
3CU3A	7.29
3HM5/3HA5	5.29
5GH8	5.89
6AQ5A/6HG5	4.99
6AU6A	4.19
6BK4C/6EL4A	9.49
6BL8/ECF80	4.39
6BQ5/EL84	5.49
6CG7/6FQ7	3.99
6CJ3/6DW4B/6CL3	5.19
6EA8	4.99
6GF7A	6.95
6GH8A	3.89
6GM6	5.29
6GY6/6GX6	4.89
6HM5/6HA5	4.89
6HZ6	4.19
6JC6	6.69

Tube Type	Each
6LQ6/6JE6A	10.95
6JS6B	9.59
6KD6	10.95
6KT8	7.99
6LB6	9.89
6L6GC	9.99
6Z10/6J10	8.99
8CG7/8FQ7	3.99
12AU7A/ECC82	4.19
12AV6	4.59
12AX7A/ECC83	4.19
12BA6	4.59
12BE6	4.99
12BY7A/12BV7	4.99
12GN7A	7.39
17JZ8	5.69
33GY7A	8.49
35W4	3.09
38HE7	8.99
50C5	4.19

These Tubes In Stock at Most Stores

Realistic LIFETIME tubes are a Radio Shack exclusive, and custom-made to our specifications. Because we have the final say on quality control, we can offer a "no gimmick" replacement warranty. The tubes listed at left are IN STOCK at most Radio Shack locations.



They'll Last The Life of Your Set or We Replace Them . . . FREE!

(Except for Physical Damage)

FREE Tube Testing

At most of our locations, do your own troubleshooting and save! Each tube tester has simple 1-2-3 instructions and our salespeople will be glad to assist.

Gold-Clad Contacts!

We know you want the best, so we use 24K gold-clad pins for less resistance and better heat dissipation!

We Can Order Hard-to-Find Tube Types!

"Hot Line" Service Can Have Almost Any Tube Type Waiting for Pickup at Your Radio Shack—Within Days!

2000
Types Available!

If the tubes you need aren't in stock, just ask the Store Manager to special-order them from our warehouse—within a few days you'll be notified to pick them up. No extra charge for this service!

Realistic LIFETIME 5-Tube Package

Save 25% **15.95**

The 5 types used in most AC/DC AM radios: 12AV6, 12BA6, 12BE6, 50C5 audio output, and 35W4 rectifier. Cost separately $21.45. You save $5.50.

Top Value Archer-Pak Parts and Semiconductors Only $1.98 Each!

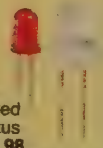
50 Silicon Switching Diodes

Type 1N914. Ideal for logic circuits. Switching time as low as 4 ns. PRV, 90V. VF, 1.0. Silicon type with long axial leads. **276-1620** **1.98**

15 NPN General-Use Transistors

Type 2N2222. General-purpose amplifier, high-speed, medium power switching. Dissipation, 600 mW. Ic, 800 mA. Typical h_{FE}, 50. **276-1617** **1.98**

20 Assorted LEDs



May include types MV-5054, MV-50, RL-209, in red, green, amber. May also include infrared emitting types and battery status indicators. **276-1622** **1.98**

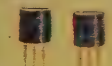
10 LED Readout Displays

Hobbyist/experimenter assortment may include MAN-1, MAN-3, DL-747, DL-33 and others. All segments light. **276-1627** **1.98**

10 Assorted Voltage Regulators

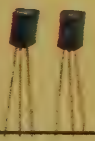
May include adjustable or fixed (5-24V) types from LM-309K, 723, 340, 7800's and types UA78MG, UA79MG. Styles may vary. **276-1608** **1.98**

15 All-Purpose Transistors



2N3904. Popular NPN small-signal type. For amplification or switching use. Diss., 300 mW. V_{CBO}, 40V typical h_{FE}, 50. TO-92 case. **276-1603** **1.98**

15 Amplifying Transistors

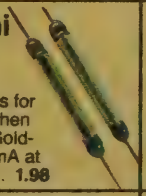


Type 2N3906. General-purpose, PNP small-signal type—one of the most popular. Diss., 350 mW. V_{CBO}, 40V. Typical h_{FE}, 50. TO-92 case. **276-1604** **1.98**

8 Opto-Isolators

Ideal for logic circuits, AC/DC controls, solid state relays. Up to 1500VRMS isolation. Max. output current 100 mA. **276-1628** **1.98**

10 Assorted Mini Reed Switches



Hermetically sealed in glass for reliability. Contacts close when magnetic field is present. Gold-plated contacts rated 500 mA at 125VAC. **275-1610** **1.98**

12 Potentiometers and Trimmers

Assorted values and styles, including multi-turn devices. Nylon cases. May include wire-wound types and some with gold-plated pins. **271-1605** **1.98**

Pair of LED Digits

7-segment, 0.5" red displays. Forward voltage: 1.75. Forward current: 20 mA/segment.
276-1647. Common Cathode . **Pair 1.98**
276-1648. Common Anode . . **Pair 1.98**

12 Assorted Switches

Selection may include push-button, slide, toggle and rocker switches rated up to 3A at 125VAC. SPST, DPDT, momentary and other types. **275-1601** **1.98**

Electrolytic Capacitors

Assorted pkg. of 20. Miniature and subminiature styles, values from 0.1 μF to 47 μF rated up to 50VDC. **272-802** . . . **1.98**

25 Assorted Zener Diodes

Large selection of diodes with ratings from 2.8 to 120V; 250 mW to 5 watts. May even include double-anode types. **276-1629** **1.98**

100 Disc Capacitors

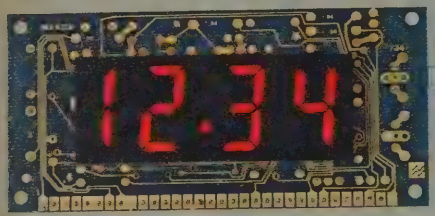
Includes NPO's, Hi-Q's, N-750's, Mylar and ceramic types. Values from 2 pF to 0.1 μF, in working voltages up to 1 kV. **272-801** **1.98**

25 Polystyrene Capacitors

Block-type capacitors with radial leads. **272-803** **1.98**

Optoelectronics for Hobbyists from The Shack®

4-Digit LED Time/Temperature Clock Module

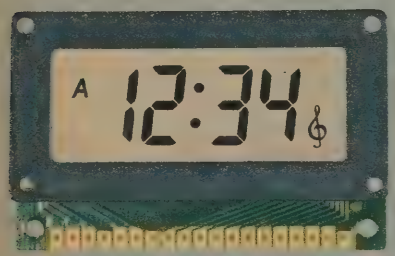


24.95

Remote Temperature Sensing

12 24-hour clock features temperature display in degrees C or F. Built-in beeping 24-hour alarm drives an 8-ohm speaker directly. Has 10-minute snooze, 59-minute sleep feature, dimmer circuit. **277-1006** **24.95**
Temperature Sensor IC. LM 334. **276-1734** **2.29**
Power Transformer. 273-1530 ..... **5.99**

4-Digit LCD Timer/Clock Module



24.95 NEW FOR '81

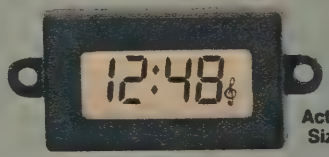
Large Half-Inch LCD Display

Versatile, nine-function, crystal-controlled timekeeper/controller module. 12 or 24-hour time format. Built-in backlight, dual time zones, stopwatch, sleep, and control timer functions. 24-hour alarm. 2 5/16 x 1 1/2". 1.5VDC operation.
277-1007 ..... **24.95**

"Super Small" LCD Clock Module

19.95

- *Features 24-Hour Alarm*
- *Shows Time/Day/Date*



Actual Size

Complete clock module—just add switches, buzzer and battery. 0.25" LCD display has built-in backlight, PM, alarm set and snooze indicators, 12 or 24 hour time display. **277-1005** **19.95**
Submini Switches for Above. 275-1571 ..... **Pkg. 2/1.79**

MA-1003 12-Hour Auto Clock Module

21.95

- *Bright Green Fluorescent Display*
- *±0.5 Sec/Day Accuracy*

Large, easy-to-read 0.3" display blanks automatically to minimize battery drain when ignition is off. Includes data sheet. **277-1003** **21.95**
Pushbutton Switches. 275-1547 ..... **Pkg. 5/2.49**
Deluxe Case. 270-303 ..... **5.95**

Emitter/Detector Pair

1.99 Pair

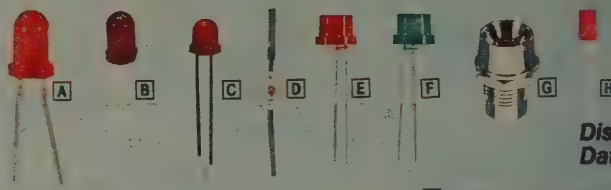
Submini LED source rated 20 mA at 1.7VDC. Uses phototransistor for sensitivity. **276-142** ..... **Pair 1.99**

Silicon Phototransistor

89¢

Similar to FPT-100. TTL/DTL compatible. High sensitivity, fast response. **276-130** ..... **89¢**

Long-Life LEDs for All Your Needs



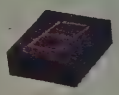
Low As **79¢** Pkg. of 2

Displays, Status, Data Indicators

Low-cost diffused lens LEDs.
A **T-1¾ Jumbo, Red.**
276-041 ..... **Pkg. 2/79¢**
B **T-1 Mini, Red.**
276-026 ..... **Pkg. 2/79¢**
C **Submini, Red:**
276-042 ..... **Pkg. 2/79¢**
D **Micromini, Clear Red.** Type TLR-121 1/8 x 1/16 x 1/8."
276-032 ..... **Pkg. 4/1.19**
E **Red.** Fresnel lens for high brightness. Mount in 3/16" hole. Type TLR-107. **276-033** .... **Pkg. 2/89¢**
F **Green.** Fresnel lens. Type TLG-107. **276-034** ..... **Pkg. 2/99¢**
G **Chrome LED Panel Lamp Holders.** Accept standard T-1¾ LEDs. 5/32" hole.
276-080 ..... **Pkg. 2/1.19**
H **Rectangular LED Lamps.** High-brightness. Can be stacked vertically or horizontally. Max. forward current: 30 mA. Typical forward voltage: 2.5.
Red. 276-070 ..... **2/99¢**
Green. 276-071 ..... **2/99¢**
Yellow. 276-072 ..... **2/99¢**

Single-Digit LED Readouts

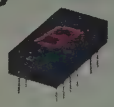
NEW FOR '81



2.29

0.6"—Left Decimal

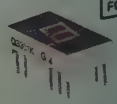
1.75 V/segment, 30 mA typical. Compatible with bipolar and MOS IC's. Common anode.
276-056 ..... **2.29**



1.79

0.3"—Left and Right Decimal

Fits 14-pin DIP socket. 1.7 V/segment @ 20 mA. Light output 0.25 mcd 10 mA. Common anode.
276-053 ..... **1.79**



1.99 Pkg. of 2

0.3"—Right Hand Decimal

Bright yellow display is a great alternative to red. 3.0 V/segment @ 20 mA. Common cathode.
276-067 ..... **Pr./1.99**

Unique LEDs

Low As **1.29**

A **TriColor.** Red on DC, green on reverse DC, yellow AC. T-1¾ size. 2.2V at 25 mA. **276-035** **1.39**
B **Red Flasher.** CMOS IC and LED in one package! 3-5VDC. Rate: 5 Hz. 20 mA at 5VDC. **276-036** **1.29**

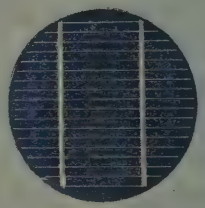
Infrared Opto-Couplers

1.99 Each NEW FOR '81

TTL Compatible

TIL-111. LED source optically coupled to an NP phototransistor. 5 ms switching time (typical). 6-pin DIP. **276-132** 1
TIL-119/4N31. LED coupled to NPN Darlington phototransistor. DC transfer ratio 300% min. at mA. 6-pin DIP. **276-133** 1

3" Silicon Solar Cell



9.99

High Efficiency

Convert sunlight into electrical power. Delivers 0.45V at 1 amp. Use several in series/parallel for higher voltages/current. **276-123** **9.99**

Pushbutton Key Pad Module

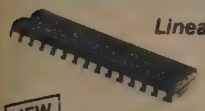
16.95 NEW FOR '81

Great for Remote Control Circuitry or Amateur Radio Auto Patching

Twelve-button keyboard has 1.5x2" face. Requires 3-5VDC @ 16 mA. **277-1010** ... **16.95**
TV Colorburst Crystal. 3.58 MHz. HC18/W base. **272-1310** **1.99**

Quality Solid-State Devices at Radio Shack Low Prices

IC Sound Generator



Linear/I²L Device

6.99

NEW FOR '81

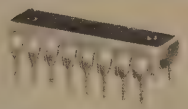
SN76488. This IC, a handful of parts and a little imagination can create an infinite number of sounds. Includes both analog and digital circuitry on one chip. Microprocessor-compatible for sophisticated multiplexing of sounds. Built-in audio amplifier has 125 mW output. Data included. 28-pin DIP. **276-1766** **6.99**

Dual Analog Delay IC

11.95

SAD1024A. "Bucket Brigade" device has two separate 512-stage shift registers which can be used independently or in combination. Provides continuously variable electronic delay for complex audio signals to create reverb, echo, phase shift, chorus and vibrato effects. Reliable NMOS design operates from single supply. With applications circuits and data. 16-pin DIP. **276-1761** **11.95**

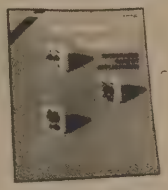
Octave Synthesizer IC



6.99

S50240. PMOS oscillator/frequency divider chip generates 13 equal-tempered notes from C_8 to $C_8^{\#}$ to form the heart of any electronic keyboard instrument. CMOS compatible square wave outputs have the capability of driving additional dividers or voice filters. Operates from single supply from 11 to 16 volts. 16-pin DIP. **276-1780** **6.99**

Engineer's Notebook



2.49

Sold Only at Radio Shack!

By Forrest Mims III. Practical circuits that are easy to follow. Applications for most popular linear and digital IC's. All circuits have been built and tested. Punched for 3-ring binder. **276-5001** **2.49**

Sound Generator "Music Synthesizer" IC

Linear/I²L Device

4.49

SN76477. Creates almost any type of sound — including music, explosions, phasers and gunshots. Built-in pre-amplifier provides line-level output. IC includes 2 VCO's, low frequency oscillator, noise generator and filter, 2 mixers, envelope modulator and timing logic circuit. Applications, data included. 28-pin DIP. **276-1765** **4.49**

Rhythm Generator

Adjustable Chip Oscillator Sets Tempo

6.59

MM5871. Build your own rhythm box or drum synthesizer. PMOS IC provides 6 separate patterns. Use patterns alone or in any combination. Trigger outputs for wood block, brushes, bongo, snare and bass drum with adjustable pulse width. Application circuits, data included. 16-pin DIP. **276-1785** **6.59**

Noise Generator

NEW FOR '81

2.69

S2688/MM5837. Percussion instrument voice generator for rhythm units, synthesizers, simulated pipe "wind" noise, acoustics testing (white and pink noise), random events generator. 17-bit shift register is clocked by an internal oscillator. 8-pin mini DIP. **276-1768** **2.69**

Adjustable Temp Sensor

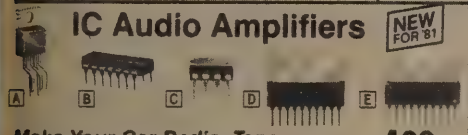
TO-92 Case

2.29

Usable as linear temperature-sensitive device or current source. With 10,000 to 1 range. Add resistor to convert to zero-drift current source. **276-1734** **2.29**

IC Audio Amplifiers

NEW FOR '81



Make Your Car Radio, Tape Player Sound Like New!

Low As **1.09**

A **LM383/TDA2002.** Delivers up to 8 watts RMS at 13.8VDC. TO-220 case. **276-703** **3.19**

B **LM1877.** 2 watts RMS/channel stereo amplifier. For 9-30VDC. 14-pin DIP. **276-702** **2.99**

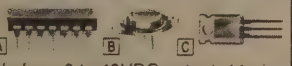
C **LM386.** Low voltage amp. Output to 400 mW. 4-12VDC. 8-pin mini DIP. **276-1731** **1.09**

D **BA521.** Japanese IC replacement. 5.8 watts output. 12VDC. **276-704** **2.99**

E **TA7205AP.** Japanese IC replacement. 5.8 watts output. 9-18VDC. THD 0.07%. **276-705** **3.49**

Adjustable Voltage Regulators

Low As **89¢**



A **LM723.** Adjustable from 0 to 40VDC output. 14-pin DIP. **276-1740** ..... **89¢**

B **LM317.** Adjustable from 1.2 to 37 volts output. 1.5 amps. TO-3 case. **276-1777** **4.99**

C **LM317T.** Adjustable. Positive regulator. TO-220 case. **276-1778** **3.99**

LM337T. Negative regulator. **276-1779** **3.99**

LED Flasher Oscillator

Adjustable Pulse Rate

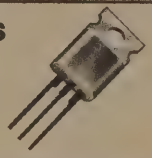
1.09

LM3909. Flash LEDs with minimum current drain. Operates from single 1.5V or higher battery voltage sources. 8-pin DIP. **276-1705** **1.09**

SCRs and Triacs

TO-220 Cases

Low As **99¢**



6-Amp SCRs. Electrically isolated. Ideal for motors.
200V. 276-1067 ..... **99¢**
400V. 276-1020 ..... **1.19**

6-Amp Triacs. For heat element control, light dimmers. Immune to transient damage.
200V. 276-1001 ..... **99¢**
400V. 276-1000 ..... **1.19**

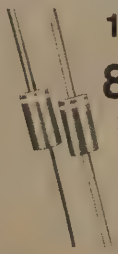
IC Voltage Regulators

For Low-Cost Regulated Supplies

1.59

Fixed voltage regulators offer excellent ripple rejection. Overload protected with thermal shutdown. Output currents up to 1 amp. Max. input voltage: 35VDC. TO-220 case. **Type 7805. 276-1770** **1.59**
Type 7812. 276-1771 ..... **1.59**
Type 7815. 276-1772 ..... **1.59**

1-Watt Zener Diodes

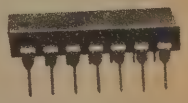


89¢ Pkg. of 2

Long axial leads.
6.2V. 1N4735.
276-561 ..... **Pkg. 2/89¢**
9.1V. 1N4739.
276-562 ..... **Pkg. 2/89¢**
12V. 1N4742.
276-563 ..... **Pkg. 2/89¢**
15V. 1N4744.
276-564 ..... **Pkg. 2/89¢**

Operational Amplifier ICs

Low As **79¢**



741C. Frequency-compensated op-amp. Up to 16V supply. 8-pin DIP. **276-007** ..... **79¢**

1458. Dual op-amp. Internally compensated. ±16V supply. 8-pin DIP. **276-038** ..... **99¢**

LM324N. Quad op-amp. Operation from single 3 to 30VDC supply. 14-pin DIP. **276-1711** **1.49**

LM3900N. Quad norton op-amp. Single 4 to 36V supply. 14-pin DIP. **276-1713** **1.29**

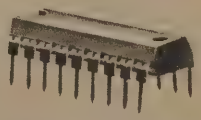
TL081. Single BiFet op-amp. Low distortion, 13V/µS slew rate. 8-pin DIP. **276-1716** **1.79**

LF353N. Wide bandwidth dual BiFet op-amp. JFET inputs. Fast 13V/µS slew rate. ±18V supply. 8-pin DIP. **276-1715** **1.89**

TL084C. Quad BiFet op-amp. Low noise JFET inputs. Internally compensated. 13V/µS slew rate. ±18V supply. 14-pin DIP. **276-1714** **2.99**

339. Quad comparator. TTL/CMOS compatible. 2 to 32VDC range. 14-pin DIP. **276-1712** **1.49**

LED Bar/Dot Display Drivers



4.99

For Power, Voltage, Audio Displays

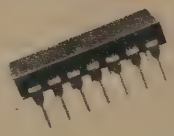
LM3914N. With 10 adjustable analog steps, selectable bar or dot display mode. Expandable up to 100 steps. Current-regulated LED outputs. Wide 8 to 25VDC supply range. 18-pin DIP. **276-1707** **4.99**

LM3915N. Above, but with 3 dB log steps. **276-1708** **4.99**

Wide Selection of Quality Solid-State Devices

4000 Series CMOS ICs

Low As **89¢**



- *100% Prime*
- *Meet Full Specs*

Guaranteed electrically and mechanically. From major manufacturers. Pin-out diagram and specifications included with each device. Medium-speed operation. Static protected.

Type	Cat. No.	Each
4001	276-2401	.99
4011	276-2411	.89
4013	276-2413	1.19
4017	276-2417	1.99
4027	276-2427	1.19
4511	276-2447	1.99
4049	276-2449	.99
4050	276-2450	.99
4066	276-2466	1.59

TTL Digital ICs

Low As **69¢**

Widely-used standard TTL devices for any digital design. Operate from 4.75 to 5.25VDC with Guaranteed Noise Margin.

Type	Cat. No.	Each
7400	276-1801	.69
7402	276-1811	.79
7404	276-1802	.79
7408	276-1822	.79
7447	276-1805	1.19
7448	276-1816	1.29
7473	276-1803	.79
7474	276-1818	.99
7475	276-1806	1.09
7476	276-1813	.89
7490	276-1808	1.09
7492	276-1819	1.19
74154	276-1834	1.49
74192	276-1831	1.59
74193	276-1820	1.49

Low-Power Schottky ICs

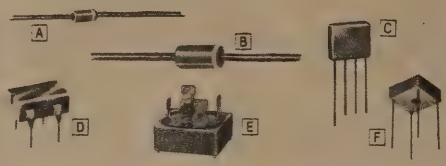
Low As **79¢**

These improved versions of standard 5-volt logic devices use Schottky diode technology to give minimum propagation delay.

Type	Cat. No.	Each
74LS00	276-1900	.79
74LS02	276-1902	.79
74LS04	276-1904	.79
74LS08	276-1908	.79
74LS32	276-1915	.89
74LS73	276-1918	.99
74LS74	276-1919	.79
74LS75	276-1920	.99
74LS90	276-1923	1.19
74LS123	276-1926	1.49
74LS151	276-1929	1.09
74LS157	276-1930	1.19
74LS161	276-1931	1.59
74LS164	276-1932	1.59
74LS175	276-1934	1.39
74LS193	276-1936	1.69
74LS367	276-1835	1.59

Refer to Radio Shack Data Books for Detailed Device Descriptions and Data

Rectifier Diodes and Bridges



A **Micro-Mini 1A Diodes.** 1N4000 series. 30A surge.
50V. 276-1101 ..... **Pkg. of 2/49¢**
200V. 276-1102 ..... **Pkg. of 2/59¢**
400V. 276-1103 ..... **Pkg. of 2/69¢**
600V. 276-1104 ..... **Pkg. of 2/79¢**

B **3A, Barrel-Type Diodes.** 1N5400 series. 300A surge. **50V. 276-1141** ..... **Pkg of 2/79¢**
200V. 276-1143 ..... **Pkg. of 2/89¢**
400V. 276-1144 ..... **Pkg. of 2/99¢**

Type PTC205 2.5A, 1000V Silicon Diodes. For high current voltage supply. Only 1/4x3/16."
276-1114 ..... **Pkg. of 3/1.49**

C **4A, Full-Wave Bridge Rectifiers.** Heavy-duty leads.
50V. 276-1146 ..... **1.39**
100V. 276-1171 ..... **1.59**
400V. 276-1173 ..... **1.89**

D **1A, 50 PIV Full-Wave Bridge.** Rated 25A surge. Mini-DIP for PC boards or IC sockets. Two fit into 14-pin DIP socket. **276-1161** ..... **89¢**

E **25A, Full-Wave Bridge.** 50 PIV. Ideal for heavy-duty power supplies. Metal case for maximum dissipation. 1 1/8" square. **276-1185** **2.69**

F **6A, Full-Wave Bridge.** Heavy-duty. 50 PIV. 9/16x9/16x3/16." **276-1180** **2.19**

1.4A, Full-Wave Bridge Rectifiers. TO-5 case.
50 PIV. 276-1151 ..... **1.09**
100 PIV. 276-1152 ..... **1.19**

Small-Signal Diodes

99¢ Pkg. of 10

1N914 4148 silicon switching diodes. 100% prime.
276-1122 ..... **Pkg. of 10/99¢**
1N34A general purpose Germanium. 60 PRV. 1.0 VF.
276-1123 ..... **Pkg. of 10/99¢**

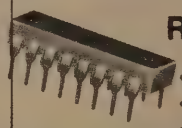
3-Digit BCD Counter IC

3.59

MC14553. CMOS chip features three decade counters, three quad latches and a built-in display multiplexer—all in a single 16-pin DIP! Can replace over 8 separate IC's in a digital display circuit. **276-2498** **3.59**

RAMs

Low As **2.69**



- *Ideal for Computer Memories*
- *Under 450 nS Access Time*
- *New for 1981—Dynamic RAM*

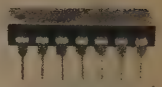
2102L Static RAM. Has 1024x1 bits of storage capability in 16-pin package. TTL & DTL compatible. Requires no clocks or refreshing. **276-2501** **2.69**

2114L Static RAM. 4096 bits, 1024x4 array. TTL compatible. Hi density, 18 pins. NMOS design.
276-2504 ..... **9.95**

Dynamic RAM MM5290-055/4116. 16,384x1 bits in 16-pin DIP. Access time of 250 nanoseconds. 1 millisecond refresh. Requires +5, +12, −5VDC. TTL compatible.
276-2505 ..... **13.95**

Phase-Locked Loops

Low As **1.99**



LM-566. Function generator PLL. VCO features input for FM modulation. Max. frequency 1 MHz 5-24VDC. 14-pin DIP. **276-1724** **2.39**

LM-567. For tone and ultrasonic decoding. 0.01 Hz to 500 kHz. 4.75-9VDC. 8-pin DIP. **276-1721** **1.99**

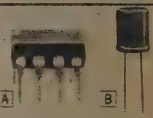
IC Timers

Low As **99¢**

Resettable time from 1 μS to 1 hour. Output can source or sink 200mA. 4.5 to 16VDC. 8-pin mini-DIP.
Type 555. 276-1723 ..... **99¢**
Type 556. Dual Timer. Two 555's in a single 14-pin DIP. **276-1728** **1.49**
Type 558. Quad Timer. Four 555's in a single 16-pin DIP. **276-1742** **2.99**

Oscillator/Divider IC

Generates Accurate 60 Hz Reference **2.89**



A CMOS IC with 17 binary divider stages produces a highly stable 60 Hz square wave. Uses a TV 3.58 MHz crystal reference. Very low power operation over wide 3-15VDC range. 8-pin DIP. **276-1769** **2.89**

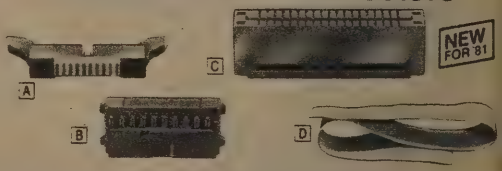
B **3.58 MHz TV Color Burst Crystal. 272-1310** **1.99**

3 Hall Effect Detectors

1.98 Pkg. of 3

Solid state devices detect magnetic field electronically. Operates from 5-16 volt supply. 750 gauss "on" threshold. Similar to type 3006ULN. **276-1646** **3/1.98**

Ribbon Cable & Connectors



Ideal for experimenters—ribbon cable and connectors make interconnection of digital or analog systems safe, fast and easy!

A **20-Pin Header with Ejectors.** Solder mount to PC board with .100x.100 grid hole centers (micro-perf board). Polarized to ensure proper hookup. **276-1556** **2.69**

B **20-Pin Cable Connector.** Reusable insulation-displacement type. Use with header (above) on ends of cable or along length to form "daisy chain" hookups.
276-1557 ..... **3.49**

C **40-Pin Card Edge Connector.** Insulation displacement type. Mount on ends of cable or along length. Compatible with many microcomputers. **276-1558** **5.95**

D **20-Conductor Ribbon Cable.** 5 ft. **278-770** **3.95**
40-Conductor Ribbon Cable. 5 ft. **278-771** **6.95**

DBM 25 Connector

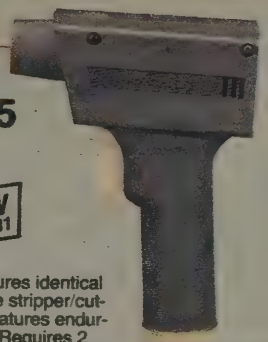
4.99 NEW FOR 81

Insulation-displacement type. Mounts on ends or anywhere along multiconductor cable. for easy hookup to standard RS-232 bus. Handy for connecting accessories to computers. **276-1559** **4.99**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Wire Wrapping Tools, PC Boards, and DIP Sockets

Cordless Power Wire-Wrapping Tool



- *Makes Faster, More Reliable Connections Than Soldering*
- *Trigger-Action On/Off*
- *Positive Indexing*

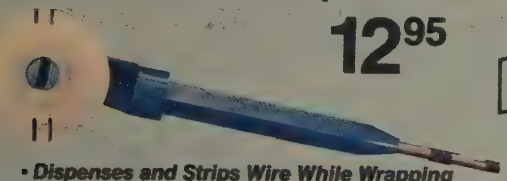
21.95

NEW FOR '81

Makes a perfect wrap every time! Positive indexing assures identical wraps on .025" square posts. Unwraps, too! Built-in wire stripper/cutter is a real time saver. Weight-balanced for comfort. Features endurable carbon steel tip. Includes jack for adapter/charger. Requires 2 "C" batteries (23-124 rechargeable nickel cadmium batteries recommended). **276-1571** **21.95**

AC Adapter/Charger. U.L. listed. **273-1454** **5.95**

Quick-Wrap Tool



12.95

NEW FOR '81

- *Dispenses and Strips Wire While Wrapping*
- *Quicker, More Reliable Connections Than Soldering*

Quick, efficient way to make connections! Save time—dispenses and strips wire while you wrap. Makes circuit prototyping a pleasure, not a chore. Cuts, strips and wraps 30-gauge Kynar® wire on .025" square posts. Use for point-to-point or "daisy-chain" wiring. Includes holder for wrapping wire (wire listed below).
276-1572 ..... **12.95**

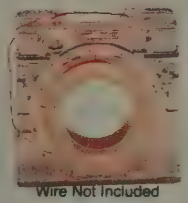
Low-Priced Wire-Wrapping Tool

- *Hardened Steel Bit*
- *Handy Wire Stripper*

5.95

Balanced 4½" all-metal precision tool makes connections faster and more reliable than soldering. Strips, wraps and unwraps 30-gauge wire. Wire stripper stores inside handle. No special skills required.
276-1570 ..... **5.95**

Wire Dispenser & Cutter/Stripper



Wire Not Included

NEW FOR '81

2.99

A "must" companion for your wrapping tool. Recessed stripper removes 1" of insulation from 30-ga. Kynar® wire, plunger cuts to length. High-impact see-thru case. **276-1569** **2.99**

Wrapping Wire

2.39

Use with any wire wrapping tool to make quick, reliable connections.

50' Red Wire. 30-Gauge Kynar.
278-501 ..... **2.39**

50' White Wire. 30-Gauge Kynar.
278-502 ..... **2.39**

50' Blue Wire. 30-Gauge Kynar.
278-503 ..... **2.39**

Wire Wrapping DIP Sockets

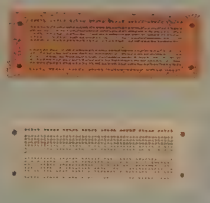
Low As **1.29** Pkg. of 2

Popular DIP sockets for 3 levels of wrap. .025" square posts.

14-Pin Wrapping Sockets.
276-1993 ..... **Pkg. of 2/1.29**

16-Pin Wrapping Sockets.
276-1994 ..... **Pkg. of 2/1.39**

PC Board and IC Breadboard Sockets



Low As **3.29**

Non-Corrosive Contacts for Reliable Connections

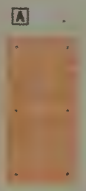
A **Experimenter's PC Board.** Holes match Archer breadboard sockets. Create permanent circuits by designing circuits on a socket, then transfering to PC board. 0.3" center with 550 connecting points. **276-170** **3.29**

B **Modular Breadboard Socket.** Standard 0.3" center for use with DIP ICs or large ICs up to 40 pins. Boards snap together horizontally or vertically and accept #22 through 30 solid hookup wire. 2 bus strips, X and Y, with 40 tie-points each and 47 rows of 5 connected tie-points. A through J for up to 550 connections. 2⅛x6" overall. **276-174** **10.95**

C Smaller version of above. Has 270 connections in 2 bus strips of 20 tie-points each with 23 rows of 5 connected tie-points. 2⅛x3⅝." **276-175** **6.49**

D **Mini-Socket.** 22 rows of 5 tie-points each plus 2 bus strips with 10 connections each. Interlocks with above. 2⅛x1⅞." **276-176** **4.49**

PC Board and Adapter for 14 & 16-Pin ICs



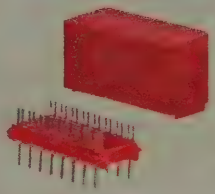
3.19 Experimenter's PC Board

A Mounts two 14 or 16-pin IC's or sockets. Copper-clad board allows solder-mounting of other components. 2½x5x1 1/16." **276-151** **3.19**

IC Socket Adapter **1.09**

B Mounts single 14 or 16-pin IC or socket. Extends leads for easy soldering and breadboard work.
276-024 ..... **1.09**

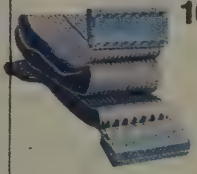
DIP Header



1.39

DIP header mounts resistors, capacitors, etc. for use with 16-pin DIP sockets.
276-1980 ..... **1.39**

16-Pin DIP Jumper Cable



3.99

Two 16-pin DIP plugs connected by 18" color-indexed ribbon cable. Makes interconnection of digital projects easy. **276-1976** **3.99**

Low-Profile DIP Sockets

Low As **49¢**

Solder-Mounted Sockets with Low-Resistance Contacts

Type	Cat. No.	Price
8-Pin	276-1995	2/59¢
14-Pin	276-1999	2/89¢
16-Pin	276-1998	2/89¢
18-Pin	276-1992	49¢
20-Pin	276-1991	59¢
24-Pin	276-1989	79¢
28-Pin	276-1997	89¢
40-Pin	276-1996	99¢

IC Inserter/Extractor Set

NEW FOR '81

6.95

Insertion Tool Includes Pin Straightener Built Into Handle

Handy insertion and extraction tools are ideal for hobbyists and engineers. Built-in pin straightener—simply insert IC and rock it on straightening saddle, pushing down on the tool. Automatically ejects straightened IC, ready for installation in board or socket. Extractor handles all LSI, MSI and DIP devices of 8 to 24 pins.
276-1574 ..... **6.95**

Buzzers, Boxes & Boards for Builders at Low Prices

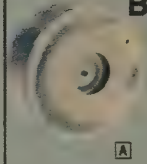
Enclosed 4" AC Fan

14.95

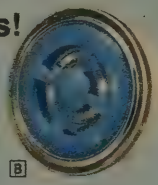
Compact, Efficient, Quiet

Equipment that runs cooler lasts longer! Delivers up to 70 CFM and is ideal for cooling power supplies, amateur radio equipment, computers. Diecast venturi. Sealed bearings never need lubrication. For 120VAC, 60 Hz. U.L. recognized motor. 4.63x4.63x2.47" overall. **273-241** . . . **14.95**

Buzzzers!



Low As **99¢**

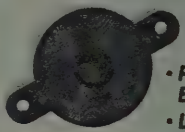


A B

A **9V Buzzer.** Super loud, low current drain—ideal for battery-powered security or warning circuits. 2x1" round metal case. **273-052** **1.89**
6V Buzzer. 273-049 . . . . . **1.89**
12V Buzzer. 273-051 . . . . . **1.89**

B **1.5 to 3V Buzzer.** 1½x¾". With 4" leads and mounting bracket. **273-004** . . . . . **99¢**

Reliable Piezo Buzzer



NEW FOR '81

2.99

- ***Penetrating Electronic Tone***
- ***Low Current Drain***

Piezo Buzzer. Loud 4.8 kHz signal. Requires 1.5 to 20VDC. Just 12 mA at 9VDC. 1⅜x⅜". Color-coded leads. **273-060** **2.99**

Piezo Element. (Not shown.) Small, yet delivers up to 90 dB! Resonant at 6.5 kHz. Requires external driver circuit. Data included. 3/16x15/16" dia. 1⅛" mtg. centers. **273-064** **1.99**

Hobby Motors

NEW FOR '81

A B

Low As **99¢** Pkg. of 2 ***Perfect for Models!***

Leads for easy hookup. Get creative!

A **1.5VDC. 273-218** . . . . . **Pkg. of 3/1.49**

B **1-6VDC. 273-206** . . . . . **Pkg. of 2/99¢**

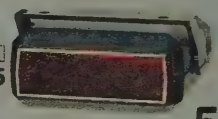
Mini 12V Buzzer

1.69 NEW FOR '81

Small enough to hide, loud enough to get attention! 1 1/16" mtg. ctrs. **273-055** . . . **1.69**

LED Display and Clock Cases

A **3.95**



B **5.95**

A Mounts up to four 0.6", eight 0.3" LEDs. Red lens. 1 13/16x3⅞x4 7/16". Removable bracket. For opto projects. **270-285** **3.95**

B For MA-1003 auto clock (see p. 124) or other digital displays. **270-303** **5.95**

Custom Lens & Bezel

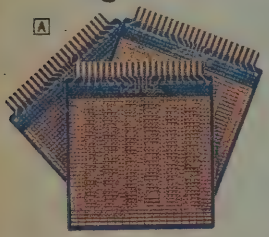
Bezel and Lens. High-contrast 1x 3 9/16" lens for displays. With hardware. **270-301** . . . **3.95**

Lens. Red plastic, ideal for LEDs. 2x6x⅛". **270-299** . **1.19**

Bezel & Lens **3.95**

Lens **1.19**

Plug-In PC Boards and Connectors



A

A **PC Boards.** All are 4½x4", with 1/16" grids, and fit 22-pin dual edge connectors. **See table below.**

B

B **22-Pin Dual Edge-Card Socket.** For wire wrapping. **276-1550** . . . **3.99**
22-Pin Dual Edge-Card Socket. Solder lugs. **276-1551** **2.99**

Application	Material	Cat. No.	Each
Multipurpose	Standard	276-152	3.69
Multipurpose	Epoxy Glass	276-155	4.99
2-Voltage Source (Digital)	Standard	276-154	3.69
2-Voltage Source (Digital)	Epoxy Glass	276-156	4.99
3-Voltage Source (OP-Amp)	Standard	276-153	3.69
3-Voltage Source (OP-Amp)	Epoxy Glass	276-157	4.99

Metal Cabinets

Rubber Feet

Low As **2.89**

Wrinkle-finish 18-gauge steel top, 20-gauge aluminum chassis. 3¼x2⅛x4." **270-251** **2.89**
4x2⅜x6." **270-252** . . **3.69** **5¼x3x5⅞."** **270-253** . **4.79**

Heavy-Duty Cabinets

Low As **8.95**

Louvered top, handles and rubber feet. 5¼x9½x6¾." **270-270** **10.95**

Vent louvers, black finish top. 3½x7⅞x5 11/16." **270-269** **8.95**

Chassis Boxes

Low As **1.69** ***Hardware Included***

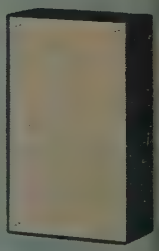
Easy-to-Work Aluminum

Size	Cat. No.	Each
2¾x2⅛x1⅝"	270-235	1.69
4x2⅛x1⅝"	270-239	1.89
4x2¼x2¼"	270-236	2.29
5¼x3x2⅛"	270-238	2.49

Experimenter Boxes

Aluminum Covers Low As **1.59**

Size	Cat. No.	Each
3¼x2⅛x1⅛"	270-230	1.59
4x2¼x2¼"	270-231	1.69
5 1/16x2⅜x1⅝"	270-233	1.99
6¼x3¾x2"	270-627	2.39
7¾x4⅜x2⅜"	270-232	2.99



Archer® PC Boards and Terminals

A

A **Push-In Terminals.** Ideal for breadboarding. 0.062" dia. **270-1394** . . . . . **Pkg. of 100/1.99**
For Micro-Circuit Boards. 0.042" diameter. **270-1392** . . . . . **Pkg. of 100/1.99**

Pre-Drilled Phenolic Boards

Cat. No.	Fig.	Grid Hole Centers	Hole Size	Board Size	Each
276-1582	B	.265x.265	3/32"	3⅝x6⅞"	1.19
276-1390	C	.187x.187	1/16"	4½x5⅝"	1.29
276-1392	D	.100x.200	1/16"	4½x5⅝"	1.29

B

C

E Integrated Circuit Perfboards

For wire wrapping or soldering. Grid hole centers: .100x.100." Hole size: 3/64."

Cat. No.	Board Size	Each
276-1394	4½x6"	1.69
276-1395	2¾x6"	1.29
276-1396	6x8"	2.39

D

F Single-Sided Copper-Clad Boards

Cat. No.	Size	Each
276-1586	3x6"	1.39
276-1587	6x8"	2.19

E

F

Slope-Front Metal Cabinet

8.49

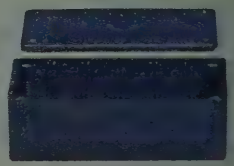
- ***Non-Slip Rubber Feet***
- ***"Hammertone" Finish***

Ideal for test equipment, audio mixers, control panels. 7⅞x 5⅞x1⅜" (front), 2¾" (rear). **270-265** **8.49**

Custom Printed Circuit Board Kit

Two 4½x3" boards, resist-ink solvent, etchant, resist-ink-pen, layout circles, strips, special 1/16" drill bit, tank, instructions. **276-1576** **8.95**
Extra Pen. 276-1530 . . . **1.39**
Extra Etching Solution. 16 oz. **276-1535** **2.49**

Project Cases



Low As **1.59**

High-impact plastic, with internal slots to hold PC boards.

4x2x1 3/16." **270-220** **1.59**
4x2 7/16x1 1/16." **270-221** **1.79**
4¾x2½x1⅜." **270-222** **1.99**
6x3 3/20x1 13/16." **270-223** **2.59**
7½x4⅓x2½." **270-224** **2.99**

NOW OVER 6000 RADIO SHACK STORES AND DEALERS NATIONWIDE—WE'RE NEAR YOU

The Shack® — Where Smart Builders Save on Parts

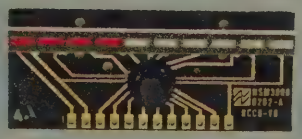
Multipurpose Amplifier With Built-In Speaker

11.95

High-Gain IC Amp, 200-mW Output

This compact amplifier/speaker is just right for use with a telephone pickup, microphone or even electric guitar. Use it as an intercom, the audio stage of a receiver project, or add a probe and it becomes a pocket-sized signal tracer. Has volume control with on/off switch, ⅛" phone jacks for input and external speaker or earphone. 100-10,000 Hz response, 1 mV input sensitivity. 2½x 3⅞x1¾". Requires 9V battery. **277-1008** . . . **11.95**

LED VU Meter Module



NEW FOR '81

9.95

- ***Update Your Present Audio System***
- ***Fully Electronic for Fast Response***

Replacement for conventional dial and pointer VU meters. Ten-element red LED display has moving-point or bar option. Includes application notes. Requires 12VDC. 2x⅞x7/32". **277-1009** **9.95**

Microphone Elements

Low As 1.59

NEW FOR '81

For Projects or Replacement Use

Unidirectional Electret. Response: 100-15,000 Hz. Requires 2-10VDC. 25/64" dia. 1½" long. 6" leads. **270-091** **3.99**

Omnidirectional Electret. (Not shown.) 30-15,000 Hz. 4-10VDC. 7/16"x⅜" dia. **270-092** **2.99**

Crystal. (Not shown.) 50-8000 Hz. Hi-Z. **270-095** **1.59**

Micronta® Precision Panel Meters

8.95 Each — *0-50 µA DC*, *0-1 mA DC*

These analog meters allow you to monitor changing circuit conditions. Easy-to-see faces and D'Arsonval movements. Accuracy: ±5% full scale. 2¾x2¼x1¼". Require 1⅞" round mounting hole.

0-50 µA DC. 270-1751 . . . . . **8.95**

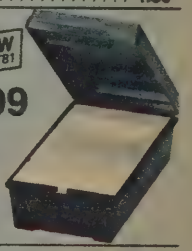
0-1 mA DC. 270-1752 . . . . . **8.95**

Project Case With Panel

NEW FOR '81

Hinged Snap-Lock Cover

2.99



Easy-to-work reversible inner panel accepts a meter, readouts or switches. 5½x 3⅜x2". **270-290** **2.99**

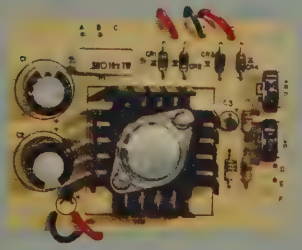
Etched and Drilled PC Boards Make Projects Fun and Easy to Build!

Low As 2.49

Project-Boards

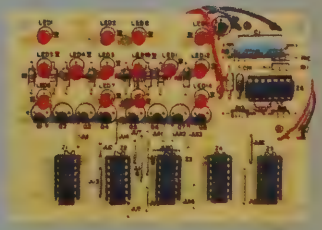
There's Nothing Like the Personal Satisfaction of Building It Yourself!

Why "re-invent the wheel?" With Archer® Project-Boards, the engineering "know-how" is built in! Each package includes a PC board with labeled holes for easy assembly, illustrated manual, panel trim, and a parts list. Check the list and buy the parts you need—available at most Radio Shack stores. Since Project-Boards allow you to use parts you may already have, your savings can be substantial. Build Project-Boards into recommended cabinets—or use them as sub-assemblies in larger projects. Either way, Project-Boards are the FUN way to build with ICs—they're designed that way by us, for you!



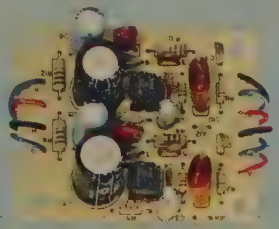
Regulated Power Supply. Wire it for 13.8 or 5VDC, up to 1 A. Uses LM-317 IC with current limiting, thermal protection. For 120VAC. **277-125** **6.99**

Stereo Electronic Reverb. Add echo, reverb and phase shift effects. Uses SAD-1024 dual analog delay IC. Line level in/out. For 120VAC. **277-132** **9.95**

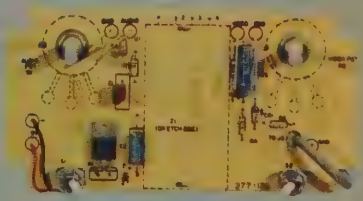


Digital Dice. Modernize any game of chance with LED "snake eyes." Uses CMOS IC for random readout. Auto shut off. 9VDC. **277-131** **7.99**

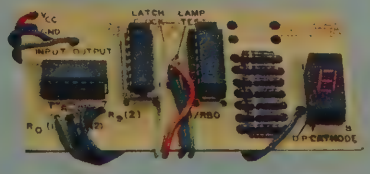
Time Base Generator. Signal source/divider for TTL projects. 10 MHz crystal oscillator, decaded outputs down to 1 Hz. 5VDC. **277-115** **5.99**



Stereo Headphone Amplifier. Flat 30-25,000 Hz response, or wire it for guitar use! Powers down when phones are unplugged. 6VDC. **277-128** **5.99**



TV RF Modulator. Accepts b&w or color video, 30-15,000 Hz sound. Ch. 3 or 4 output. Includes RF module, antenna switch. 8-24VDC. **277-122** **16.95**



Single-Digit Counter. Building block for counters. Output for cascading more digits, provision for 0.3" LED display. 5VDC. **277-103** **2.49**

Logarithmic LED VU/Power Meter. 8 LEDs, fast response to peak levels. Can be calibrated for use as audio power meter. 5-15VDC. **277-116** **3.99**

Universal Display Board. Accepts up to six 0.6" or ten 0.3" LED readouts (not incl.). For direct drive or multiplex circuits. **277-108** **3.99**

PROJECT-BOARDS SHOWN BUILT WITH RECOMMENDED PARTS

Shop The Shack® for a Wide Assortment of Switches

A Heavy-Duty DPDT, Center-Off. On/off plate, screw terms. Rated 10A, 125VAC. ¾x1⅜x1⅜." **275-1533** **1.79**

B Standard. Rated 3A, 125VAC. Requires 7/16" mtg. holes.
SPST. 275-602 ..... **99¢**
DPDT. 275-666 ..... **1.29**
Switch Set. Set of 3. **275-322** **2.49**

C Subminiature. 3A, 125VAC. Solder lugs. 4 colored insulators for ⅜" handle. ⅜x¼x⅜." **SPST. 275-612** **1.69**
SPDT. 275-613 ..... **1.79**
DPDT. 275-614 ..... **2.19**
DPDT, Center-Off. 275-620 ..... **2.39**

D Mini SPDT. 5A, 125VAC. ⅝" handle, ⅝x⅜" body. Lug terms. **275-603** **1.49**

E ¾" Brushed Aluminum Baton. Flush mtg. 3 amps, 125VAC. Lug terms. 15/16x⅝x9/16." **SPST. 275-630** **1.69**
DPDT. 10 amps. **275-607** **1.89**

F Heavy-Duty. 6A, 1x⅜" lever. 250VAC. Bushing, ½x⅜." Body, 15/16x⅝x⅝."
SPST. 275-651 ..... **2.49**
SPDT. 275-654 ..... **2.69**
DPDT. 275-652 ..... **2.89**
DPDT. Red lever. Neutral center. **275-653** **2.99**

G Heavy-Duty Switch. 5A, 12VDC. **275-701** **1.19**

H Right-Angle PC Board Mounting. 6A, 125VAC.
DPDT. Center "off". 275-665 ..... **1.99**

I Miniature. Black handles. 6A, 125VAC. U.L. listed. **SPDT. 275-662** **2.69**
DPDT. 275-663 ..... **2.99**
DPDT Center-Off. 275-664 ..... **3.19**

J Subminiature. 10A, 125VAC. Bat handles with 4 colored slip-on covers. Lug terminals. ½x7/16x½." **SPST. 275-324** **1.99**
SPDT. 275-326 ..... **2.19**
SPDT. Neutral center. **275-325** **2.39**
DPDT. 275-1546 ..... **2.69**
DPDT. Neutral center. **275-1545** **2.89**

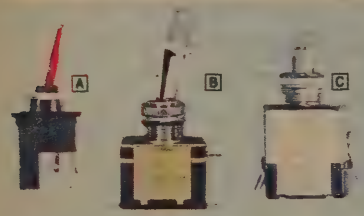
K Paddle Switches. 6A at 125VAC. Mount in ¾" hole. 1¾x¾x1⅜."
SPST. 275-641 ..... **1.89**
DPDT. 275-643 ..... **2.49**

L SPDT Momentary. Spring return to one position. 6A, 125VAC. **275-619** **1.79**

M Compact Lever Switches. 6A at 125VAC.
SPST. 275-257 ..... **2.69**
DPDT. 275-259 ..... **3.19**

N Micromini. Rated 3A, 125VAC. Body measures ¼x⅝x9/16."
SPST. 275-624 ..... **1.59**
SPDT. 275-625 ..... **1.69**
DPDT. 275-626 ..... **1.99**

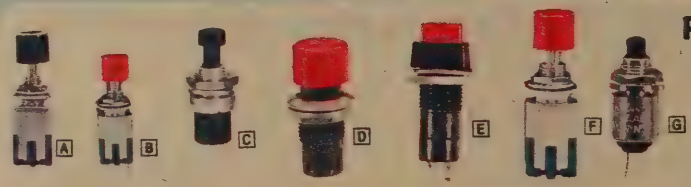
O Flatted Lever Switches. 6A, 125VAC. ⅜x7/16x¼." **SPDT. 275-635** **2.59**
DPDT. 275-636 ..... **2.89**



A Illuminated Toggle Switch. Handle lights up in "on" position. Rated 3A, 12VDC. 1⅜x1¼x⅝." Requires 7/16" mtg. hole. **275-706** **1.99**

B SPST Illuminated Toggle Switch. End of 1¼" handle glows in "on" position. Rated 10A, 100-125VAC only. ⅝x1 1/16x¾"; bushing, ½x7/16." Solder lug terminals. **275-670** **3.69**

C SPST Illuminated Pushbutton Switch. Push-on, push-off operation. Button lights in "on" position. 10A, 100-125VAC only. 1¼x½x1⅞"; bushing ⅜x7/16." Solder lug terminals. **275-671** **3.69**



Pushbutton Switches

For Every Application — Low As **1.49**

A Miniature SPST Push-On/Push-Off. Contacts rated 6 amps at 125VAC. Requires 7/32" mounting hole. Solder lug terminals. Screw-on button. ½x⅜x⅝." **275-1551** **2.99**

B Subminiature Push-On/Push-Off. Contacts rated 3 amps at 125VAC. Body measures ¼x7/16x11/16" and button is ⅜" diameter. Solder lug terminals. **275-1553** **2.29**

C SPST Miniature. Momentary contact type. ⅜" dia. button, bakelite body. Rated 0.5A at 125VAC. Mount in ¼" holes. Solder lug terms. Sets of 5.
Normally Open. 275-1547 . **Pkg. 5/2.49**
Normally Closed. 275-1548 ..... **Pkg. 5/2.69**

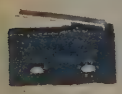
D Standard SPST. Rated 3A at 250VAC. Fits ½" mtg. hole. Solder lugs.
Push-On/Push-Off. 275-011 ..... **1.49**
Momentary. Normally open. One black and one red. **275-609** ..... **Pkg. 2/1.89**

E Square SPST. 3A at 250VAC. Requires ½" mtg. hole. Lug terms.
Push-On/Push-Off. Red. **275-617** **1.59**
Momentary. Norm. open. Black. **275-618** **1.49**

F Miniature SPDT Momentary Contact. 6A, 120VAC. Norm. open. Lug terms. **275-1549** **2.29**

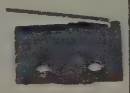
G Submini Push Switches. 1 red, 1 black. SPST momentary contacts rated 0.5A, 125VAC. Normally open. **275-1571** ..... **Pkg. 2/1.79**

Lever Switches



Subminiature with Roller Lever. Operating force, 50 grams. Contacts rated 5A at 250VAC. Lever/roller length, ¾." Solder lugs. ¾x¼x⅜." **275-017** **1.49**

1.49



Subminiature Lever Switch. Operating force, 45 grams. Contacts rated 5 amps at 250VAC. Lever length ¾." Solder lugs. ¾x¼x⅜." **275-016** **1.39**

1.39

Slide Switches

Heavy-Duty. Rated 3 amps at 125VAC. 6 lug terminals. 1x1⅜x⅝." **SPST. 275-401** ... **Pkg. 2/79¢**
DPDT. 275-403 ..... **Pkg. 2/89¢**

Switch Kit. Consists of 1 SPDT, 1 DPDT, 3 SPST, 1 DPST. Rated 0.5 amp at 125VAC. ½x⅞x1¼." **275-327** **1.79**

Subminiature. Rated 0.3 amps at 125VAC. ⅝x¼x¼." **SPST. 275-406** ..... **Pkg. 2/69¢**
DPDT. 275-407 ..... **Pkg. 2/79¢**

Rotary Switches

4-Pole, 2-Position. Single deck, non-shorting type. Contacts rated 0.3 amps at 125VAC. 2" shaft, ¼" diameter. **275-1384** **1.19**

2-Pole, 6-Position. Single deck type. Non-shorting. Shaft, ¼" dia. **275-1386** **1.19**

Single-Pole, 12 Position. Shorting. 1⅜" shaft with ¼" diameter. **275-1385** **1.19**

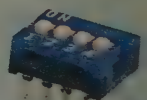
Knife Switch

99¢

DPDT. Spring plated contacts. Screw terminals, bakelite handles. Contacts rated 0.5 amps at 250VAC. 1⅝x2⅜x¾." **275-1537** ..... **99¢**

DIP Switches

A



B

Miniature SPST switches for digital or low current switching. Standard .100x.300" DIP centers. Ideal for socket or PC board mounting.

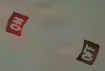
A 8-Position DIP Switch. Fits 16-pin socket. **275-1301** **1.99**

B 4-Position DIP Switch. Fits 8-pin socket. **275-1304** **1.49**

Mercury Tilt Switch

89¢

Sub-mini position detecting switch ideal for use in projects. Rated 100mA @ 24VDC. **275-025** ..... **89¢**

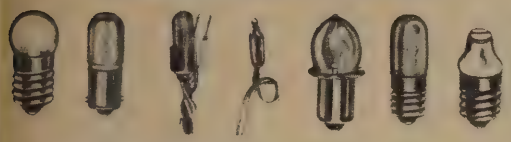


Auto Switch Bracket. Double switch panel for underdash mtg. with hardware. Two 7/16" openings. 1½x2⅞x⅝" overall. **275-705** ..... **69¢**

On/Off Switch Plates. For all toggle switches with bushing diameters of 15/32". Key-tab in ID. **275-320** ..... **Pkg. 6/69¢**

Top Quality Lamps, Lamp Assemblies and Relays

Incandescent Lamps



Radio Shack offers a large variety of incandescent lamps to fill most replacement and project needs!

Volts	mA	Type	Base Style	Cat No	Pkg of	Price
1.5	25		Leads	272-1139	1	79¢
2.25	250	222*	Threaded	272-1124	2	69¢
2.33	270	PR-4	Flange	272-1122	2	69¢
2.38	500	PR-2	Flange	272-1120	2	69¢
2.47	300	14	Threaded	272-1132	2	79¢
3.57	500	PR-3	Flange	272-1121	2	69¢
4.8	500	PR-15	Flange	272-1125	2	69¢
5.95	500	PR-12	Flange	272-1123	2	69¢
6.0	25	.....	Leads	272-1140	1	79¢
6.0	60	.....	Leads (Red)	272-1144	6	99¢
6.0	100	T-1¾	Threaded	272-1142	2	89¢
6.3	250	44	Bayonet	272-1108	2	69¢
6.3	150	47	Bayonet	272-1110	2	69¢
6.3	150	1847	Bayonet	272-1115	2	79¢
6.3	150	40	Threaded	272-1128	2	79¢
6.3	250	46	Threaded	272-1130	2	79¢
7.5	220	51	Bayonet	272-1113	2	69¢
7.5	220	50	Threaded	272-1133	2	89¢
12.0	15CP	93†	Bayonet	272-1116	1	99¢
12.0	75	T-1¾	Threaded	272-1143	2	89¢
12.0	25		Leads	272-1141	1	79¢
14.0	230	1891	Bayonet	272-1112	2	69¢
14.0	200	1815	Bayonet	272-1118	2	69¢
14.0	200	1487	Threaded	272-1134	2	79¢
14.4	120	53	Bayonet	272-1117	2	69¢
28.0	40	1819	Bayonet	272-1119	2	69¢

*Pre-Focus Penlight Type. †"Hi-Intensity"

Neon Glow Lamps

Long-life neon lamps operate from 70 volts and up. Use dropping resistor value from chart for 110VAC operation.

Type	Watts	Series Res.	Cat. No.	Pkg. of	Price
NE-2	1/25	220K	272-1101	2	49¢
NE-2H*	¼	22K	272-1102	2	59¢

*High brightness.

Panel Lamps and Assemblies

A **Sealed Panel Lamps.** 1 red, 1 green. With connecting leads, mounting clips. ⅞" long, mount in ⅜" holes. For 12VDC, 50 mA. **272-322** ..... **Pkg. 2/1.59**

B **Conical Lamp Assemblies.** Includes 1 red, 1 blue. Requires T-1¾ sub-miniature bulbs. 1⅜" long, mount in ½" holes. **272-323** ..... **Pkg. 2/1.69**

C **"Mini" Panel Lamp Assemblies.** Each set includes an assembly, 1 red and 1 green lens. Requires miniature base lamps. Length, 1 3/16", ⅝" mounting holes.
For Screw-Base Lamps.
272-324 ..... **1.79**
For Bayonet-Base Lamps.
272-325 ..... **1.79**
Like 272-324, two assemblies, ⅜x1 1/16".
272-326 ..... **Pkg. 2/1.99**

D **Rectangular "Mini" Lamp Holders.** Two assemblies. One each, red and green rectangular lenses: 1" long. Requires threaded lamps. 7/16" mounting hole.
272-327 ..... **Pkg. 2/1.99**

E **Neon Pilot Lamp Assemblies.** Set of 2—1 red, 1 yellow. With internal dropping resistors. Fully enclosed. ⅜x1⅛". Require 5/16" mounting holes. For 120VAC.
272-703 ..... **Pkg. 2/2.19**

F **Neon Panel Lamp Assemblies.** Set of 2—1 red, 1 yellow. Built-in resistors. Fully enclosed. Require 7/16" mtg. holes. For 120VAC.
Square Lens. 272-704 ..... **Pkg. 2/1.69**
Circular Lens. 272-705 ..... **Pkg. 2/1.69**

G **Red Neon Lamp.** Requires 5/16" mounting hole. Size, 1⅜x9/32". Leads and mounting clip included. For 120VAC.
272-1501 ..... **1.19**

H **12V Lamp Assemblies.** 1 red, 1 green. Snap-in mounting tabs for ½" dia. hole. Long 4" leads. Bulbs included.
272-332 ..... **Pkg. 2/1.89**

I **Square Lens Lamp Assembly.** Designed for maximum visibility. Std. bayonet socket with one red, one orange lens. Requires bayonet base lamps. 1 1/16" mtg. hole.
272-333 ..... **1.79**

J **High Brightness Neon Panel Lamp.** Bright red rectangular lamp includes dropping resistor for 120VAC. Requires 9/16" diameter mtg. **272-706** **2.19**

Archer Relays for Experimenters and Hobbyists

12VDC Miniature DPDT Relay

4.69 • *See-Through Cover* • *Hold-Down Clips*

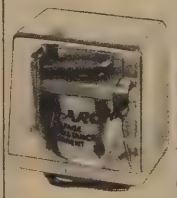
Includes socket for chassis or printed circuit mounting. Contacts rated 3A at 125VAC. 250 ohms coil resistance. 50 mA. 1¼x1x¾". **275-206** **4.69**

12VDC 4PDT Relay

4.99 *Long-Life Contacts*

Lets you switch up to four different circuits! Contacts rated 3 amps at 125VAC. Coil resistance, 160 ohms: 75 mA. Just 1⅜x1⅛x13/16". Terminals for use with PC board or socket. With clear protective cover.
275-214 ..... **4.99**
3-Amp Socket for above.
275-221 ..... **1.49**

Miniature SPDT Relays



2.99 Each *High-Sensitivity Coil Wire Leads*

Ideal for transistor circuits with a low-current drain. Contacts rated 1 amp at 125VAC. 6-9VDC—coil resistance: 500 ohms: current, 12 mA. 12VDC—coil resistance, 1200 ohms, 10 mA.
6-9VDC. 275-004 ..... **2.99**
12VDC. 275-003 ..... **2.99**

Submini SPDT DIP Relay

NEW FOR '81 **2.99** *5VDC Coil*

Actual Size

Only ⅜x⅝x7/16". Designed for printed circuit boards and DIP sockets with .100x.300" centers. Contacts rated 1 amp at 125VAC. Coil resistance, 56 ohms. **275-216** **2.99**

Heavy-Duty DPDT Relays

5.99 Each

See-thru cases. Contacts: 10A. 125VAC. Lugs for plug-in use or soldering. 1⅝x1x¾". U.L. recognized.
120VAC, 5000-Ohm Coil. 275-217 ..... **5.99**
12VDC, 160-Ohm Coil. 275-218 ..... **5.99**
10-Amp Socket for above. 275-220 ... **1.49**

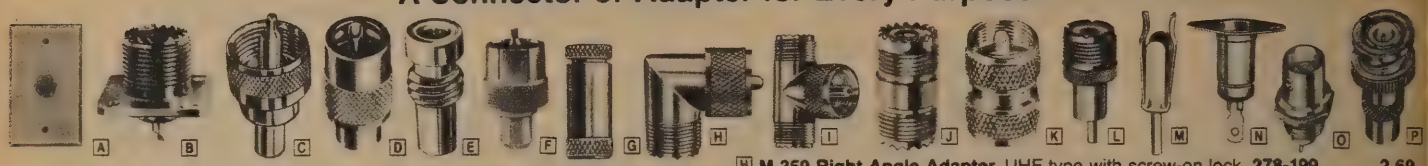
5VDC DPDT DIP Relay

4.49 *Fits 16-Pin IC Socket with .100x.300" Centers*

Subminiature relay for use with TTL or CMOS circuitry. Designed to fit standard IC socket or for PC board mounting. Contacts rated 1A at 125VAC. Coil resistance, 50 ohms. **275-215** **4.49**

Coaxial Cable, Connectors and Antenna Accessories

A Connector or Adapter for Every Purpose



A **Wall Plate.** Terminates CB or Amateur radio connections. Uses PL-258 adapter and accepts plug on each side. **278-194** 2.75

B **SO-239 Chassis Mount.** UHF type, plated finish. **278-201** ..... 99¢

C **Solderless PL-259 Plug.** Allows quick, easy hookup without soldering coax to connectors. For RG59/U or RG58/U cable. **278-196** ..... Pkg. of 2/2.09

D **PL-259 Plug.** UHF type connector, screw-on lock. **278-205** ..... Pkg. of 2/1.99

E **UG176/U Reducer.** For RG59/U cable. **278-204** ..... Pkg. of 2/89¢
UG175/U Reducer. For RG58/U cable. **278-206** ..... Pkg. of 2/89¢

F **Solderless Push-On PL-259 Plug.** Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. **278-190** 1.49

G **Inline Splicer for RG58/U Cable.** Join or extend coaxial cable, no special tools needed. Positive contact maintains wire impedance. **278-202** 1.69
Inline Splicer. For RG59/U cable. **278-203** 1.69

H **M-359 Right Angle Adapter.** UHF type with screw-on lock. **278-199** 2.69

I **M-358 "T" Adapter.** UHF type screw-on lock. **278-198** 3.19

J **PL-258 Coupler.** UHF type connections. Plated finish. **278-1369** 1.95

K **Double PL-259 Adapter.** Perfect for CB, Ham use with inline TVI filters, SWR meters, antenna switches. Rugged construction, plated finish. **278-192** 3.29

L **Coax Plug Adapter.** Specially designed to adapt a PL-259 UHF plug to a Motorola-type pin plug. Fits scanners and communication equipment antenna jacks. **278-208** 1.95

M **Motorola-Type Plugs.** For car radios and most scanners. **274-711** Pkg. of 2/69¢

N **Motorola-Type Jacks with Mounting Flange. 274-712** ..... Pkg. of 2/79¢

O **Type 1094 Female BNC.** Mounts in single 5/16" hole. **278-105** 1.49

P **Type UG-88 Male BNC.** Install easily without soldering. Screws onto standard coax cable. Rugged construction. Plated finish.
For RG58/U Cable. 278-103 ..... 2.29
For RG59/U Cable. 278-104 ..... 2.29

Coaxial Cable

Low As 16¢ Per Foot

Tough outer jacket, low-loss polyethylene dielectric. All copper conductors made in USA by Radio Shack. Minimum order 25 feet.

Cat. No.	Price per ft.	Ohms	RG Type	O.D. (in.)	Velocity Factor	Loss per 100'		Capacitance per foot	Center Conductor
278-1325	.29	52	8/U	.405	66%	50 MHz 100 200 400	3.0 dB 3.5 5.0 8.0	29 pF	13 gauge 7x21
278-1328	.21	52	8/M	.242	76%	50 MHz 100 200 400	1.5 dB 2.0 2.5 6.0	26 pF	16 gauge 19x29
278-1326	16	52	58/U	.196	66%	50 MHz 100 200 400	4.0 dB 5.3 8.0 12.0	28 pF	20 gauge solid
278-1327	.16	75	59/U	.245	66%	50 MHz 100 200 400	2.8 dB 5.0 7.6 10.0	22 pF	22 gauge solid

TV/FM Antenna Connectors

Low As 89¢ Pkg. of 2

A **TV Connectors.** Type F-59. For use with standard RG59/U coax cable in 75 ohm TV antenna systems. **278-211** ..... Pkg. 2/89¢
Type F-56. For RG6/U and "Aluminax" type coax cable such as 15-1526/27. **278-214** ..... Pkg. 2/89¢

B **F-59 Solderless Push-On Connector.** Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59/U cable. **278-215** ..... 89¢

C **F-61 Connectors.** Mate with F-59 connector. **278-212** ..... Pkg. 2/89¢

D **F-81 Coupler.** Couples 2 coaxial assemblies which terminate in F-59 connectors. **278-213** ..... 89¢

E **Crimping Tool.** For easy installation of F series connectors on 75 ohm coaxial cable. Cushioned handles. **278-220** 2.99

CB/Communication 52-Ohm Coax Cable Assemblies

PL-259 on each end except 278-966, 975.

A **20-Ft. RG58/U Cable. 278-967** .. 6.39

2-Ft. RG58/U Cable. Handy patch cable for SWR meters, ant. switches, etc. **278-968** 4.29

5-Ft. RG8/U Cable. Heavy-duty patch cable for base stations. **278-969** 5.49

50-Ft. RG8/U Cable. 278-970 ..... 19.95

100-Ft. RG8/U Cable. 278-972 ... 34.95

50-Ft. RG8/X Cable. 278-973 ..... 15.95

100-Ft. RG8/X Cable. 278-974 ..... 28.95

50-Ft. RG58/U Cable. 278-971 ..... 11.95

B **6-Ft. RG58/U Extension Cable.** Inline SO-239 to PL-259. Perfect for mobile use. **278-975** 5.29

C **20-Ft. RG58/U Cable.** PL-259 to spade lugs. **278-966** 6.39

Shortwave Antenna Accessories

A **Complete Antenna Kit.** Perfect for long-distance reception. All you need for outdoor hookup. Kit includes 75' copper antenna wire, 50' lead-in wire, window feed-thru, insulators and complete instructions. **278-758** 8.49

B **Heavy-Duty Antenna Wire.** For outdoor/indoor antenna hookups, grounding. Seven strands of 22-gauge bare copper for max. strength. **278-1329** ..... 65 Feet for 4.59

C **Insulators.** Egg-shape construction for maximum strength. Low-loss material. For antenna or guy wire installation. Style may vary slightly. **270-1518** ..... Pkg. 2/69¢

GET IT "ON CREDIT" AT RADIO SHACK — MASTERCARD AND VISA HONORED AT MOST STORES

The Shack Has Cable, Cord, Test Leads and Wire Ties

Test Leads and Jumper Cables

Color-Coded

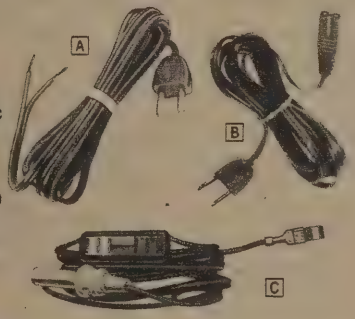
A **Set of 10 Color-Coded Cables.** 14" long with miniature insulated alligator clips on each end. **278-1156** **3.69**

A **Set of 4 Test Lead Cables.** 30" long. Insulated clips at both ends. Red, green, black, yellow. **278-001** **3.59**

B **Set of 6 Heavy-Duty Claw-Type Jumper Cables.** 40" long. Insulated clips at both ends. Color-coded. **278-002** **3.99**

C **8-Pack of 24" Cables.** 4 colors. **278-1157** **3.89**

Replacement Cords



A **6' Line Cord.** 18-gauge wire, molded 2-prong AC plug, stripped leads opposite end. Keep several handy! U.L. listed. **278-1255** . . . . . **79¢**

B **6' AC Power Cord.** Fits most cassette portables and radios. Female receptacle to 2-prong AC plug. U.L. listed. **278-1256** **1.59**

C **4' Polarized Fused DC Cable.** Ideal replacement for auto stereo, CB power cables. Has inline quick-disconnect plug and inline fuse holder (less fuse). Tab fits into fuse box for easy hookup. **270-025** **1.99**

2-Conductor Speaker Wire

Low loss all copper construction is ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	2.19
Medium Clear	22 Stranded	100	278-1385	4.59
Standard Clear	20 Stranded	75	278-1388	5.39
Low Loss Clear	18 Stranded	30	278-1602	3.49
Low Loss Clear	18 Stranded	60	278-008	5.99
Standard Brown	20 Stranded	100	278-1387	5.99
Heavy-Duty Brown	16 Stranded	30	278-1263	3.89
Heavy-Duty Brown	16 Stranded	100	278-1384	11.95

Zip Cord Specials

Stranded copper wire with flexible twin-conductor design. Handy for any application. Molded plastic insulation. Colors may vary.

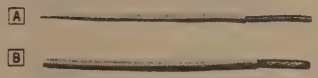
Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	2.79
Miniature, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.69
2-Conductor, Plastic	18	100	278-1264	7.99

Shielded Cable

Low loss cable for microphones, audio cables, communication equipment. Tough gray jacket. All copper conductors.

Description	Feet	Cat. No.	Each
A Heavy-Duty w/braided shield	40	278-751	6.19
Single Conductor w/braided shield	20	278-1277	2.39
B Miniature w/spiral wrap shield	30	278-752	3.29
C 2-Conductor w/spiral wrap shield	50	278-1275	5.19
2-Conductor w/spiral wrap shield	20	278-1276	2.69

Hook-Up Wire Packs



Choose solid or stranded wire, single color or 3 assorted colors in a package.

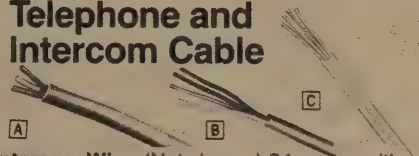
Single Color

Type	Ga.	Ft.	Cat. No.	Each
A Solid	18	60	278-1291	2.19
B Stranded	18	55	278-1292	2.19
Solid	20	80	278-1294	2.19
Stranded	20	75	278-1293	2.19
Solid	22	100	278-1295	2.19
Stranded	22	90	278-1296	2.19

3 Assorted Colors

Type	Ga.	Ft.	Cat. No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Solid	20	75	278-1305	2.19
Stranded	20	60	278-1304	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

Telephone and Intercom Cable



Intercom Wire. (Not shown.) 24-gauge with gray jacket. Color-coded.

Description	Feet	Cat. No.	Each
2-Conductor Solid	75	278-559	3.29
3-Conductor Stranded	75	278-370	5.49
3-Conductor Solid	30	278-855	2.19

Flexible telephone cables w tough beige jackets. For sin station phones or intercoms Color-coded wires.

A **3-Conductor 50 ft.** **278-371** **4.39**

B **4-Conductor 50 ft.** **278-372** **5.49**

C **Modular Telephone Cable.** Gray jacket with 4-conductor 26-gauge stranded copper wire. Color-coded. **278-365** **5.49**

Rainbow Wire Packs

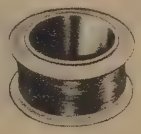
2 and 4 Conductor

Flexible flat parallel cable, color-coded for easy identification. PVC insulation resists temperature changes. Perfect for use with low-voltage hook-ups or intercoms. 24-gauge solid copper.

2-Conductor, 35 ft. **278-755** **2.39**

4-Conductor, 25 ft. **278-757** **2.39**

Solid Buss Wire



Make Ground Wiring Easy

For Perf-Board and printed circuit projects. Makes ground and jumper wiring easy. Pretinned 24-gauge copper on handy plastic spool. 50 ft. **278-1341** **1.49**

Heavy-Duty Wire

Ideal for Automotive Use

Stranded copper construction with tough outer jacket.

14-Ga. 25 ft. 278-1290 . . . . . **2.69**

12-Ga. 20 ft. 278-1289 . . . . . **2.79**

Test Probe Wire

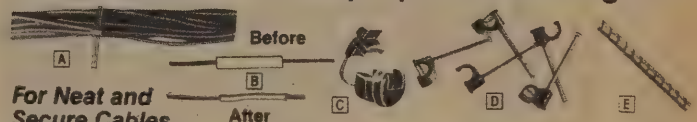
Choice of Colors

Flexible plastic insulation provides high-breakdown for safety. Perfect for worn test lead replacement. 20-gauge stranded copper. 25 ft.

Red. 278-553 . . . . . **1.99**

Black. 278-554 . . . . . **1.99**

Accessories That "Wrap Up" Your Wiring Job



For Neat and Secure Cables

A **Wire Ties.** Package of 30 self-locking nylon ties. Tooth engages serrations on underside of tie for permanent attachment. Natural color and unbreakable, each tie 4" long.
278-1632 . . . . . **1.59**
Set of 30. As above, but 5" long.
278-1631 . . . . . **1.99**

B **Heat-Shrinkable Tubing.** Fits over wire and shrinks to half its original diameter when heated. ⅛ to ½" sizes.
Set of 14. 4" long. Shrinks at 95-200°F.
278-1627 . . . . . **1.59**
Set of 20. 1" long. Requires 275°F for shrinking. **270-1166** **1.69**

C **Strain Reliefs.** One-piece construction absorbs pull and twist. Set of 6 includes 4 SPT1 and 2 SPT2 "types."
278-1636 . . . . . **69¢**

D **Coax Clips.** Nail to wall, keep cable in place.
For RG58/U Cable. 20-192 **10 for 99¢**
For RG8/U Cable. 20-193 . . . **6 for 99¢**

E **Spiral Wrap.** Neatly bundles long lengths of wire. 5' clear and 5' black. ⅜".
278-1638 . . . . . **1.99**

Make Jobs Easier With Archer® Tools and Hardware

20-Drawer Storage Cabinet

NEW FOR '81

9.95

Ideal for Organizing Parts, Hobby Accessories, Anything

Don't lose small items—this versatile bin makes them easy to find. Steel frame, baked enamel finish, clear plastic drawers. 6¾x13x6¼".
64-2028 . . . . . **9.95**

Storage Boxes

Low As 89¢

Strong See-Thru Plastic

Cat. No.	Size	Sections	Each
64-552	8½x4¾x1½"	6-18	2.19
64-553	4⅜x2⅝x1"	6	.89
64-554	11¼x6½x2⅜"	5-15	3.99

3-Way Crimping Tool

4.29

Crimps, Cuts, Strips

Crimps solderless terminals. "Sure Grip" insulated handle.
64-405 . . . . . **4.29**

Multi-Purpose Deluxe Crimper/Cutter

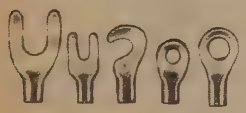
9.95

Also Measures Bolt Sizes

Crimps terminals, cuts and strips wire, slices bolts. "Cushion-Grip" insulated handle. Easy-to-use.
64-2268 . . . . . **9.95**

22 Assorted Terminals.
64-2269 . . . . . **2.29**

Solderless Lugs



1.69 ***5 Popular Styles*** **Pkg. of 100**

Twenty of each style of most-popular lugs, including ring, spade, hook, tongue types.
64-406 . . . . . **1.69**

Squeeze-Tap Terminals

1.69 **Pkg. of 12**

Red. For wire sizes 22-18. Two female, two male. Quick disconnects, 4 spade and 4 ring tongues. Requires only pliers.
64-3050 . . . . . **Pkg. 12/1.69**

Blue. For 16-14 wire. Four female, 4 male. Quick disconnect, 2 spade and 2 ring tongues.
64-3051 . . . . . **Pkg. 12/1.69**

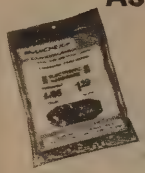
Squeeze Connectors

1.59 **Pkg. of 10**

Squeeze Tap-In connectors. No stripping. For 18-14 wire.
64-3052 . . . . . **Pkg. 10/1.59**

Squeeze-Insulated Butt connectors. For 16-14 wire.
64-3053 . . . . . **Pkg. 10/1.59**

Electronic Hardware Assortment



1.39

For the Do-It-Yourselfer

Lots of valuable items often needed by every hobbyist or experimenter.
64-2890 . . . . . **1.39**

Assorted Ceramic Magnets

18¢ Each

10-24	25-99	100-Up
15¢ Each	14¢ Each	12¢ Each

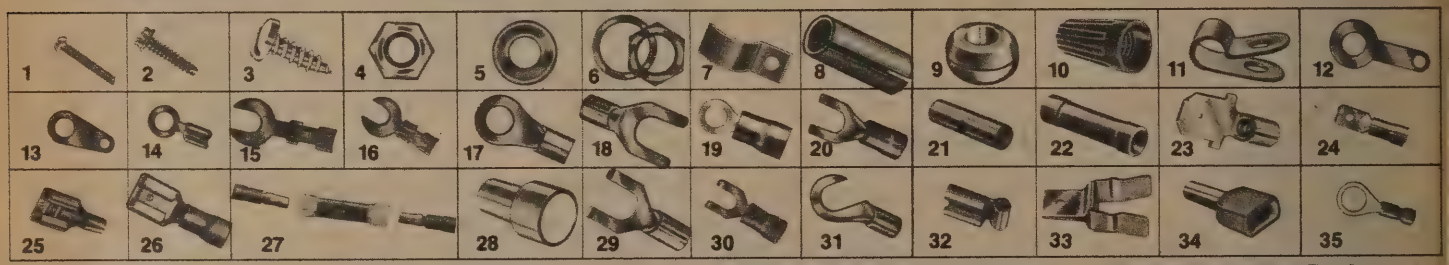
Wide Assortment of Electronic Hardware Perfect for Your Home and Auto Needs

Packed in Handy "See-Thru" Packs for Convenience

- ***35 Types***
- ***Corrosion Protected***

99¢ Each

Do-it-yourself, hobbyist, and experimenter projects will go easier with this professional-quality electronics hardware. All items are package protected direct from factory to you for undiminished quality right off the shelf. All metal parts are either nickel-plated, tin-dipped, or electro-tin plated for long corrosive-free service.



1. Round Head Machine Screws.
64-3010. 14 each: 2-56x¼", ½", ¾".
64-3011. 14 each: 4-40x¼", ½", ¾".
64-3012. 14 each: 6-32x¼", ½", ¾".
64-3013. 10 each: 8-32x¼", ½", ¾".

2. Self Tapping Hex Screws. 4 each: 6x¼", ½", ¾", 8x¼", ½", ¾". **64-3015**

3. Pan Head Sheet Metal Screws. 5 each: #4x½", #6x¼", ⅜", ½", #8x¼", ⅜", ½". **64-3016**

4. Steel Machine Hex Nuts.
64-3017. 40 each: 2-56.
64-3018. 30 each: 4-40.
64-3019. 30 each: 6-32
64-3021. 30 each: 8-32.

5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10 **64-3022**

6. Control Nuts. 8 each: ⅜"-32, 15/32"-32 and 7 of .475"-32. **64-3020**

7. Metal Cable Clamps. 10 each: 3/32", 5/32", ¼"; 5 each: 5/16". Package of 35. **64-3023**

8. Aluminum Spacers. 2 each: ¼", ½", ¾", 1" sizes for #4, #6 and #8 screws. Pack of 24. **64-3024**

9. Vinyl Grommets. 7 each: ¼", 5/16", ⅜"; 5 each: 7/16", ½". **64-3025**

10. Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. **64-3026**

11. Polypropylene Cable Clamps. 6 each: ⅛", 3/16", ¼" cable diameter. **64-3028**

12-16. Solder-Lugs. 40 pieces. #6, #8, #10 mounting holes. **64-3029**

17. Solderless Ring Tongue. 6 each: #6, #8 (22-18 wire size); #6, #8 (16-14). **64-3030**

18. Solderless Spade Tongue. 6 each: #6, #8 (22-18); #6, #8 (16-14). **64-3031**

18, 20. Solderless Spade. (26-24): 3 each: #4 & #8. **Insulated Spade.** (26-24): 2 each: #4, #6. **64-3042**

18. Solderless #10 Spade Tongue. 12 each: (22-18), (16-14). **64-3034**

19. Solderless Insul. Ring Tongue. 4 each: #6 (22-18); 2 each: #8 (22-18); #6 & #8 (16-14). **64-3032**

20. Solderless Insul. Spade Tongues. Assorted as above. **64-3033**

20. Solderless Insul. #10 Spade Tongues. 5 each: 22-18, 16-14. **64-3035**

21. Butt Connectors. 10 each: 22-18, 16-14. **64-3036**

22. Insul. Butt Connectors. 5 each: 22-18, 16-14. **64-3037**

23, 24. Male Quick-Disconnects. 2 3/16", 4¼"; 2 of insul. 3/16", ¼". **64-3038**

25, 26. Female Quick-Disconnects. Assorted as above. **64-3039**

27. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. **64-3047**

28. Nylon Insul. Closed-End Connectors. 5 each: (22-14), (16-10). **64-3041**

29. Solderless Flanged Spade. 6 each: (22-18) #6 & #8, (16-14) #6 & #8. **64-3043**

30. Solderless Insul. Flanged Spade. 4 each: #6 (22-18), 2 each: #8 (22-18), #6 & #8 (16-14). **64-3044**

31. Solderless Hook-Tongue Terminals. 6 each: #6 & #8 (22-18), #6 & #8 (16-14). **64-3045**

32. Female Flags Quick-Disconnect. 5 each: 3/16" & ¼". **64-3046**

33. Auto Fuse Tap. 3 sets. **64-3048**

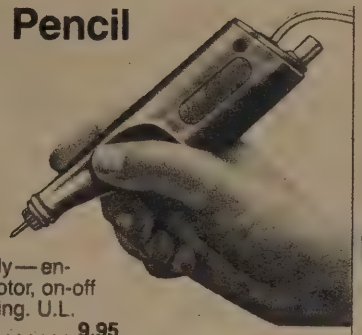
34. Solderless Insulated 8 Male/Female Quick-Disconnects. (22-18, 16-14 wire size.) ¼" tabs. **64-3049**

35. Insulated Large Ring Tongues. 2 each: ¼", ⅜", ½" stud, sizes #16-10 wire range. **64-3040**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Identification Devices to Protect Your Valuables

Electric Engraving Pencil



- *Carbide Point*
- *Width/Depth Adjustment*

9.95

Writes On Metal, Wood, Plastic

Identify your property quickly and easily—engraves almost anything. 7200-RPM motor, on-off switch and lightweight, hi-impact housing. U.L. listed AC operation. **64-2173** **9.95**

Etching Pen

1.69

For Glass, Metal, Tile, Plastic

Pencil shaped for easy handling. Tipped with tungsten carbide. Convenient pocket clip. 5⅛", 5/16" diameter. **64-1980** **1.69**

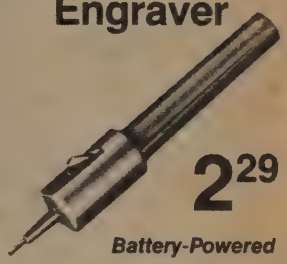
Labelmaker Kit

5.49 ***With 3 Rolls of Tape***

Makes self-sticking, raised-letter, water-proof labels. Just dial character, squeeze handle to print A-Z, 0-9, punctuation. With 6' tapes in assorted colors. **64-526** **5.49**

Extra Tape. Two ⅜x144" rolls. **64-527** **2.19**

Scribe-Ett™ Engraver



2.29

Battery-Powered

Use it anywhere to "write" on metal, wood, tile, plastic nameplates, almost anything. Great for hobby work or marking valuables to help prevent theft. Lightweight, comfortable to hold. 6¾" long. Requires 2 "AA" batteries. **64-2177** **2.29**

Useful Chemicals and Fasteners for the Do-It-Yourselfer

Silicone Rubber Sealer

2.79

Bonds, seals, caulks. Applies evenly, quickly. Moisture resistant. Ideal for antenna installation. With applicator tip. **64-2314** **2.79**

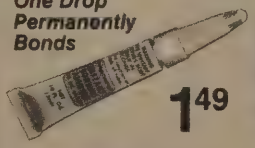
"Twin-Tube" Epoxy

No-Mess Mixing **2.19**

Two separate tubes give automatic mixing to fix things fast. Bonds most anything in minutes. 1 oz. **64-2313** **2.19**

Instant Bonding Glue

One Drop Permanently Bonds



1.49

All-purpose adhesive bonds non-porous materials easily, in seconds. Plastic nozzle tip. **64-2308** **1.49**

TV Tuner Cleaner

1.39

Also Lubricates

Just spray into tuner to eliminate "noisy" contacts. No harmful deposits. 6 oz. **64-2315** **1.39**

Acrylic Protective Spray

1.69

Wiring Lasts Longer

Prevents arcing, rust, corona shorts, pitting. Over 20,000 volts dielectric strength. Safe. 6 oz. **64-2317** **1.69**

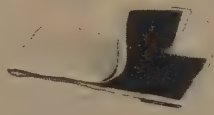
Double-Sided Foam Tape Strips

1.89 Pkg. of 8

Fasten Almost Anything to Anything

1x3" strips instantly fasten pictures to walls, radar detectors to dashes, smoke alarms to ceilings. **64-2344** **8/1.89**

Hook-and-Loop Fastener Strips



1.89 Pkg. of 4

3" strips with adhesive backing for attaching items to car dash, grill cloth to speakers, pictures to walls, lots more. Peel and stick. **64-2345** **4/1.89**

Rosin Flux Remover

1.59

Degreases

Removes flux deposits from electrical/electronic circuits. 6 oz. **64-2324** **1.59**

Component Cooler

2.19 ***Finds Intermittents Fast***

Spray on resistors, capacitors to chill them and spot thermally defective part. 6 oz. **64-2321** **2.19**

10,000 Volt Dielectric Tape

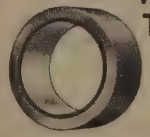
For Practically Any Job

Cat. No.	Roll Size	Each
64-2348	½"x12½'	.49
64-2349	¾"x20'	.79
64-2350	¾"x66'	1.39

Vinyl tape protects electrical connections in hundreds of household, shop, and auto uses.

Handy 5-Pack. Assorted colors. Each roll ¾"x12'. **64-2340** **5/1.89**

All-Purpose Tape



1.49

Watertight, airtight, unaffected by normal heat, cold, or damp weather. For home, car, boat, shop, office. **64-2347** **1.49**

Silicone Lube

1.59

Spray lubricates mating surfaces of most materials, including non-metals. Fights corrosion. No harmful residue. 6 oz. **64-2310** **1.59**

Color TV Tuner Cleaner

1.99

Concentrated! Sprays into tuner to clean and lube contacts for improved reception. 6 oz. **64-2320** **1.99**

Archer® Tools for Faster, Easier Electronic Work

Archer Gas Brazing Torch Brazes, Heats and Solders

25.95

Develops Over 5000° Pinpoint Flame

Includes one butane and two safety sealed "Micronox" cylinders, tips for soldering and brazing. 5½x2x1¼". **64-2165** **25.95**
Extra Butane Cylinders. 64-2166 ..... **Pkg. 2/2.39**
Extra "Micronox" Cylinders. 64-2167 ... **Pkg. 2/2.39**

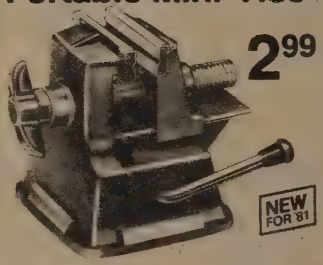
"Helping Hands" Hold Work in Place

8.49

- *Holds Work in Any Position*
- *Leaves Hands Free for Glueing, Soldering, Fastening, Assembly and Repair*

Six ball joints and two nickel-plated alligator-type clamps adjust to any angle—really simplifies work. Solid cast iron base. **64-2093** **8.49**

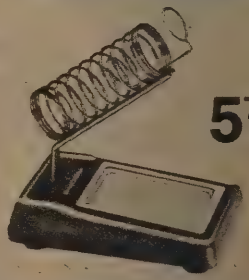
Portable Mini-Vise



2.99

Handy for holding parts during on-the-spot soldering, glueing and drilling. Positive vacuum attachment for instant mounting and easy removal from any smooth, non-porous surface. Just flip lever to attach or detach. **64-2094** **2.99**

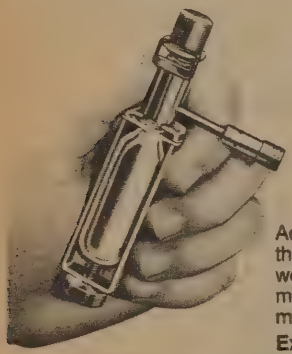
Solder Iron Holder/Cleaner



5.79

Open coil holds soldering iron, dissipates heat fast. Sponge pad keeps soldering tips clean for efficient heat transfer. Weighted base. **64-2078** **5.79**

Miniature Butane Torch With Refill

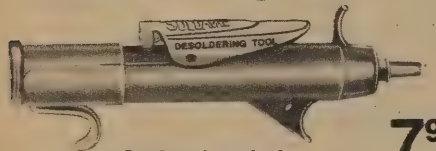


8.95

- *Fully Self-Contained*
- *Can Heat to 2500°*

Adjustable flame for the precise, controlled heat that you want. Just the thing for thermoplastic welding, soldering, hobby and craft work; removes paint, putty, more. Cylinders last up to 60 minutes each. **64-2164** **8.95**
Extra Butane Cylinders. 64-2166 ..... **2/2.39**

Desoldering Tool



7.95

Spring-Loaded

Makes desoldering a snap—just set the plunger and you're ready for instant, powerful desoldering. Easy, one-hand operation helps even large solder connections come clean in a hurry. **64-2085** **7.95**

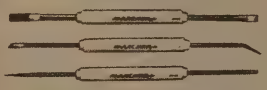
Vacu-Bulb

2.79

- *Teflon Tip*
- *Safe, Fast*

Takes up solder easily. No splattering, easy to clean, won't mar connections. **64-2086** **2.79**

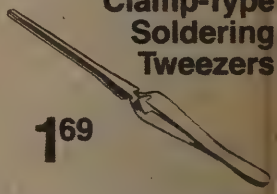
4-pc. Soldering Tool Kit



2.99

Includes heat sink, brush/scraper, pointed, slotted probes. **64-2227** **2.99**

Clamp-Type Soldering Tweezers



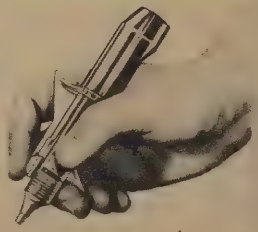
1.69

Blunt, self-closing serrated points for extra holding power. 6½" long, nickel-plated forged steel. **64-1915** **1.69**

"Mini" Desoldering Vacuum Pump

- *Desolders*
- *No-Stick Spout*
- *One-Hand Action*

5.95



The "Snortini" pump makes it easy to desolder and rework miniature and microminiature circuits. **64-2091** **5.95**

Desoldering Braid

1.49

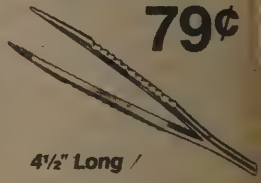
Easy way to repair or revise circuits. Use with soldering iron. 5' roll. **64-2090** **1.49**

Clean-Tip Sponge

2.19

Removes excess solder, keeps your soldering tips clean for more efficient heat transfer, doubles tip life. **64-2087** **2.19**

Non-Conductive Tweezers



79¢

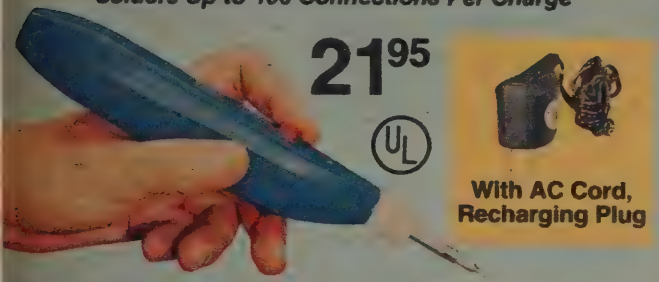
4½" Long

Won't short out components. Serrated tips, non-metallic. **64-1914** ... **79¢**

For Quick Connections Use Archer Soldering Tools

It's Cordless! Portable Rechargeable Soldering Iron

Solders Up to 100 Connections Per Charge



No more cord tangle, and you can take it with you anywhere! Heats up in only 5-10 seconds and the high-efficiency copper tip spreads solder evenly. Built-in work light. Plugs into 120VAC for recharging overnight. **64-2075** **21.95**

Replacement Tip. 64-2076 ..... **2.19**

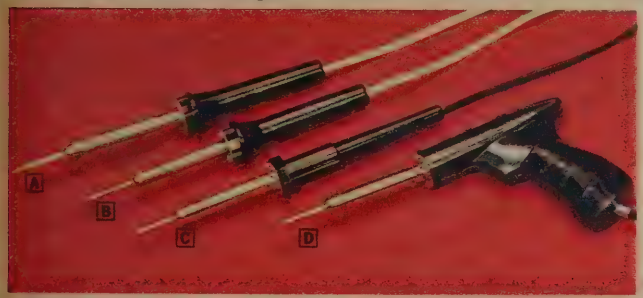
Custom Design Your Own Soldering Iron

Quick 'n Easy Thread-On Tips

Interchangeable heating elements and tips make a complete, low-priced "workshop." Start with the fatigue-free "Cool-Grip" polypropylene handle, add heating elements and thread-on soldering tips—and you're set for your soldering job. Heating elements U.L. listed.

Description	Watts	Cat. No.	Each
Cool-Grip Handle	....	64-2080	3.99
600-650°F Heating Unit	27	64-2081	3.99
750-800°F Heating Unit	33	64-2082	5.99
850-900°F Heating Unit	45	64-2083	6.99
Light, Med., Heavy Duty Tips (Pkg. of 3)	....	64-2084	3.19
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)	....	64-2089	3.79

Soldering Irons and Gun



A 42-Watt Pencil Iron. Insulated, ¼" screw-in tip. 600-640°F. With stand. U.L. listed. **64-2071** **4.99**

Replacement Tip for above. 64-2072 ..... **1.09**

B 25-Watt Pencil Iron. As above, but with 5/32" tip. U.L. listed. **64-2070** **4.49**

Replacement Tip for above. 64-2073 ..... **99¢**

C 30-Watt Pencil Iron. Lightweight. 7" long. U.L. listed. **64-2067** **3.49**

Replacement Tip for above. 64-2065 ..... **89¢**

D "Cool-Grip" 30-Watt Soldering Gun. Fatigue-free handling. U.L. listed. **64-2066** **3.99**

Replacement Tip for above. 64-2065 ..... **89¢**

"Pro" Dual-Heat Soldering Gun

16.95

Replacement Tips for Archer & Weller Guns

Trigger switch for either 140 or 100 watts, quickly. Worklight aids in hard-to-see areas. Copper tip spreads solder evenly. Lightweight, comfortable to hold. U.L. listed. **64-2190** **16.95**

For Use With	Cat. No.	Pkg. of 2
Archer 64-2190, Weller 8200 and D440	64-237	1.69
Weller D550	64-234	1.69

Science Fair® Electronic Tool Kit

9-Piece Set of Tools Specially Designed for Kit Builders

14.95

Everything you need to assemble most electronic kits. Includes 30-watt pencil soldering iron with stand, solder, solder aid, needlenose pliers, diagonal cutter, three screwdrivers (one cross point, one with built-in wire stripper), and a heat sink. **64-2801** **14.95**

Pre-Cut Tape Solder

1.39

Melt with Match

Wrap tape around twisted wires, heat with match or candle and get a good connection every time.
64-010 ..... **100 for 1.39**

Rosin Solder Cream

No Iron Needed!

2.89

60% tin/40% lead can be used with match or cigarette lighter. 1-oz. tube.
64-011 ..... **2.89**

Rosin Core Electronic Solder

Low As 99¢

Choose standard, light duty or the special solder required for PC work. Meets QQ-571D Federal specifications.

Package Size	Size	Use	Cat. No.	Each
.5-oz. Handy Pak	.062	Standard	64-001	99¢
1.5-oz. Spool	.062	Standard	64-002	1.59
4-oz. Spool	.062	Standard	64-004	3.99
2.5-oz. Spool	.032	Light Duty	64-005	3.69
1.5-oz. Spool	.050	PC Work	64-006	2.59
½-lb. Spool	.062	Standard	64-007	6.79

plug 'n power™ Wireless Remote Control System for Lighting and Appliances

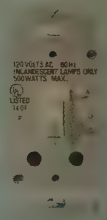
42.95

Remote Control Center

Appliance Module **15.99**

Lamp Dimmer Module **15.99**

Wall Module **16.99**



A **Remote Control Center.** Command up to 16 appliances or lights remotely with this control center from anywhere in your home. You can use as many control centers as you wish—no wiring to install! Allows you to turn on lights before entering a room, and even adjust their brightness. All-on, all-off control doubles as a panic switch in case of emergency. Also control TVs, stereos, appliances—almost anything in your home. To use, just connect modules (below) to lights or appliances, then plug into AC wall outlet, and that's it! 4¾x3½x3½". **61-2680** **42.95**

B **Appliance Module.** Receives signals from the Control Center to turn appliances on and off. Maximum appliance ratings: Resistive load, 15 amps; Motor load, ⅓ HP; Incandescent lamp, 500 watts. **61-2681** **15.99**

C **Lamp Dimmer Module.** Controls any incandescent lamp rated up to 300 watts from signals received from the Control Center. Functions include on, off, brighten, dim. **61-2682** **15.99**

D **Wall Module.** Easy to install, replaces any standard wall switch. Operates incandescent lamps up to 500 watts normally operated by a wall switch. Functions include on and off by remote or local control, and bright and dim by remote control. **61-2683** **16.99**

Mini Fluorescent Lantern

9.95

Use for Auto, Work or Play

Provides instant light at home or away. Perfect for hiking, camping or on-the-road emergencies. PVC carry case attaches to belt. 3⅜x 6¼x1⅛." Requires 5 "C" batteries. **61-2733** **9.95**

Wireless Light Fixture

5.95

Battery operated—no wiring. Mounts in closet, van, workshop, almost anywhere. 6½x5 3/16x3 9/16." Requires 4 "D" batteries. Replaceable No. 1651 bulb. **61-2732** **5.95**

Economical Radio Shack Flashlights
One for Every Use—Come Out of the Dark!

A **5-Cell Flashlight.** Projects a concentrated 1500-foot beam. Heavy-duty molded case with thumb switch. Requires 5 "D" batteries. **68-1022** **1.98**

B **Power Beam-4.** Lantern with modern styling, thumb switch, built-in carry handle. Requires 4 "C" batteries. **68-1034** **1.98**

C **Handy Pen Light.** Rear toggle switch. For pocket or purse. Requires 2 "AA" batteries. **61-2626** **1.79**

D **Pen-Lite.** Small, disposable type with sealed-in battery. Just depress pocket clip for high-intensity light. **61-2625** **1.49**

E **Disposable Hand Lite.** For pocket or purse. Operates for hours on sealed-in power pack equivalent to 3 "C" cells. **61-2636** **1.79**

F **Standard Flashlight.** Economical to buy and use. Two-tone molded body. Requires 2 "D" batteries. **61-2624** **1.19**

G **Heavy-Duty.** Rugged molded body is impact resistant. With switch guard. Requires 2 "D" batteries. **61-2639** **1.59**

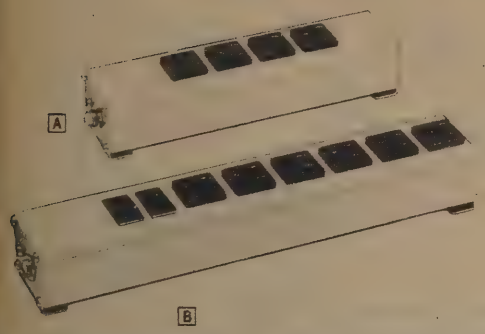
H **Heavy Duty "C" Cell Flashlight.** Impact resistant case with switch guard. Requires 2 "C" batteries. **61-2641** **1.49**

I **Lantern.** Heavy-duty, high-impact case with built-in carrying handle, thumb switch. Requires 4 "D" batteries. **61-2634** **2.69**

J **Magnet Light.** Built to last! Magnetized body attaches instantly on metal surface. Great for reading maps, making repairs. Requires 2 "D" batteries. **61-2640** **2.49**

Archer® Electrical Accessories for Home or Shop

Multi-Outlet Plug-In Power Strips



Electrically Grounded Throughout — Low As **15.95**

A **4-Outlet.** Safely plug tools, appliances and business machines into additional outlets. Protective push-to-reset circuit breaker. Includes 6' cord and grounded plug, mtg. hardware and instructions. Rated 15A at 125V. U.L. listed. **61-2620** **15.95**

B **6-Outlet.** Same as above, with 2 additional outlets, On/Off switch, "power-on" indicator light. **61-2619** **21.95**

AC Multiple-Outlet Plugs

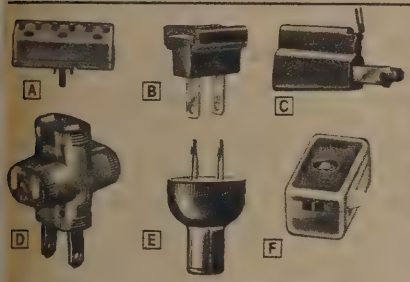
4-Outlet Plug — **1.99**

Converts two 2-wire outlets to four.
61-2621 ..... **1.99**

6-Outlet Plug — **3.49**

Converts two 3-wire outlets to six. For grounded outlets only.
61-2622 ..... **3.49**

Electrical Accessories



A **Outlet Plug.** Converts one outlet to three. **61-2705** **1.99**

B **Quick Assembly Replacement Plugs.** Brown. **61-2709** ..... **3 for 1.09**

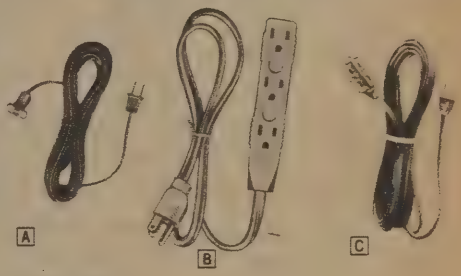
C **Grounded Adapter.** Two-prong plug accepts 3-prong plug. **61-2720** ..... **2 for 1.09**

D **Cube Taps.** Plug three appliances into one outlet. **61-2701** ..... **2 for 99¢**

E **Round Rubber Replacement Plugs. 61-2704** .... **2 for 1.49**

F **Inline Rocker Switch. 61-2713** ..... **99¢**

U.L. Listed Extension Cords



A **25' 2-Wire, One Outlet.** Polarized plug and socket. Green. **61-2759** **3.49**

B **Power Center.** 3' cord with 3-prong grounded DC plug. Three outlets. **61-2762** **3.99**

C **Standard.** Two-wire cube outlet.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39

Wall Lamp Dimmer

Push-On/Off Rotary Dial Switch — **5.49**

Varies your lighting to suit the occasion. Saves on bulbs and electricity. Fits standard wall box. U.L. listed. For 120VAC. 600 watts.
61-2699 ..... **5.49**

Economical AC/DC Tester

1.09

Locates Grounded Lines, Shorts, Opens

90-500 Volt Tester. Glow indicates live circuit. For house wiring or electronic equipment. Handy pocket clip. **272-201** **1.09**

Handy Tools Make Your Work Go Faster, Easier

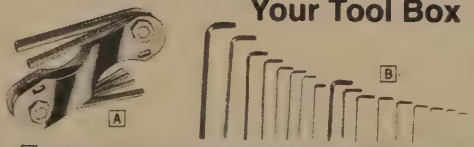
Fast-Cutting Nibbling Tool

For Metal or Plastic

8.95

Now you can hand-cut sheet metal quickly and easily. Cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. Made of hardened, tempered steel.
64-823 ..... **8.95**

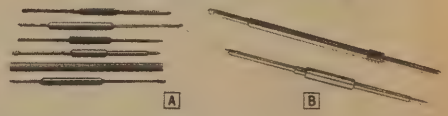
Hex Key Sets to Complete Your Tool Box



A **Folding Hex Key Tool.** Fits the six most popular hex key sizes. **64-1839** **1.69**

B **18 Pc. Hex Key Set.** Complete range of short and long arm sizes. **64-1849** **2.29**

TV Alignment Tool Kits



A **5-Piece Color Alignment Kit.** Eight hex ends, 2 screwdriver tips, extender. **64-2220** **2.99**

B **TV Alignment Kit.** Fits 90% of all RF and IF transformers. Two tips, screwdriver, hex wrench.
64-2223 ..... **99¢**

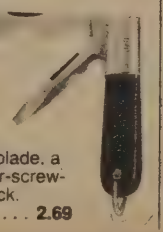
Precision Knife Set

3.69

Ten multi-purpose interchangeable precision ground steel blades for delicate cutting operations, scrapping, cutting tape, layout work, more. With fitted plastic case. **64-1801** **3.69**

Locking Pocket Knife

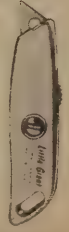
2.69



A precision cutting blade, a combination scraper-screwdriver with safety lock.
64-2136 ..... **2.69**

Utility Knife

Locks in 4 Positions — **1.99**



For cutting, trimming, or scoring. Perfect for opening packages. Compact 2 5/8" long.
64-1852 ..... **1.99**

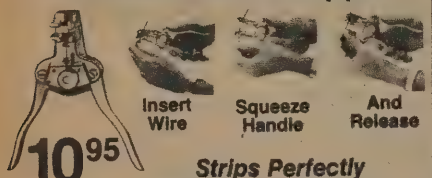
Retractable Utility Knife

79¢ ***Safe to Use***

3-position positive stops for extending or retracting reversible blade. Safe to carry in pocket.
64-1859 ..... **79¢**

Archer® Tools Help Do-It-Yourselfers Do It Better

Automatic Wire Stripper

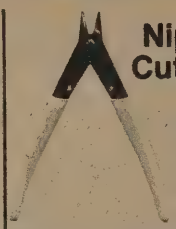


10.95

Strips Perfectly

Strips wire from #8 to #22 gauge in seconds. Removes insulation cleanly without nicking or breaking wire for professional-quality work. Simple to use.
64-1918 ..... **10.95**

Nippy Cutters **2.99**



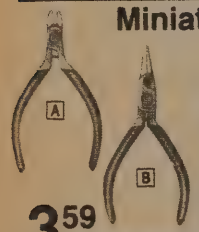
Flush cutting design lets you cut leads close to PC boards. Add a pair to your workbench.
64-1833 ..... **2.99**

Stripper/Cutter Tool

2.29 ***Adjusts from #12-#24 Wire***

Long 5" blade gives smooth, flush cutting action. Spring loaded easy-grip handle.
64-2129 ..... **2.29**

Miniature Pliers



3.59 Your Choice

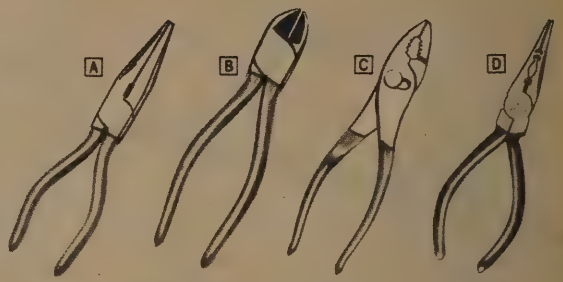
[A] **4½" Diagonal Cutter.** Drop forged, polished, insulated grip.
64-1841 ..... **3.59**

[B] **5" Long Nose Plier.** Drop forged, polished, insulated grip.
64-1843 ..... **3.59**

Dial Wire Stripper **3.69**

Professionaly strips and cuts #12-#24 gauge wire. Spring loaded, insulated handle.
64-1952 ..... **3.69**

Assorted Pliers for All Applications



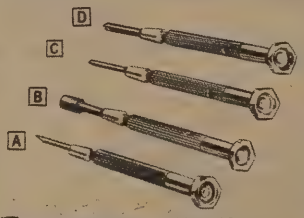
- ***Long-Life Hardened Steel***
- ***Comfortable Insulated Handle Grips***

[A] **6½" Needle Nose. 64-1844** **2.99**
[B] **6" Diagonal Cutters. 64-1845** **2.99**
[C] **6½" Slip-Joint.** Adjustable claw grip size. **64-1846** **2.99**
[D] **6" All-Purpose.** AC cord divider, nut wrench, stripper, cutter and crimper. All in one handy tool! **64-1847** **4.29**

Precision Tool Sets with Fitted Case

Your Choice **3.99** Each

- ***Screwdrivers • Nutdrivers***
- ***Crosspoint and Hex Set***
- ***Combination Screwdrivers***



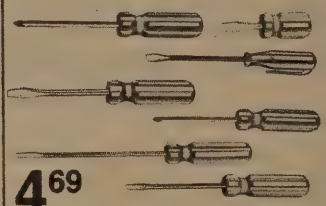
[A] **Screwdrivers.** Six precision screwdrivers, sizes #1-6. Chrome plated brass handles. Swivel tops for one-hand operation. Widths 0.8 to 3.8 mm. **64-1948** **3.99**

[B] **Nutdrivers.** Set of 5 with swivel tops, chrome plated brass handles, torque bar. One-hand operation. **64-1957** **3.99**

[C] **Crosspoints & Hex Keys.** Set of 5 with 2 crosspoint screwdrivers, 3 hex key wrenches, torque bar. Chrome-plated brass handles, swivel tops for one-hand operation. **64-1958** **3.99**

[D] **Combination Screwdrivers.** Six precision screwdrivers. Two crosspoint and four regular. All with swivel tops.
64-1959 ..... **3.99**

7-Piece Professional Screwdriver Set



4.69

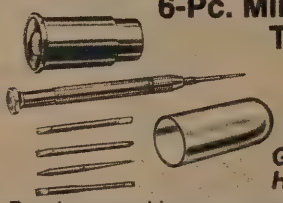
Includes ¼x1½" stubby, ⅛x2¼" midget, ¼x4¼" mechanics, 3/16x4" cabinet, 3/16x6" cabinet, #1, #2 Phillips. **64-1823** **4.69**

8-Pc. Interchangeable Screwdrivers

3.49 Set — Carry Case

1⅞" hardened steel blades, color coded handles. Includes #0, 1, 2, Phillips (crosspoint); ¼", 3/16", ⅛" standard screwdrivers, scratch-awl, gimlet. Torque handle. **64-1835** **3.49**

6-Pc. Miniature Tool Kit



3.19

Great for Hobbyists

Regular screwdrivers, crosspoints, scriber and handle. Handy plastic stand. Fits in purse or pocket.
64-1981 ..... **3.19**

3-Piece Mini Screwdriver Set

1.49 ***"Jeweler's" Screwdrivers***

Perfect for fixing eyeglasses or other delicate instruments. Swivel-heads for one-hand operation. Handy case.
64-1982 ..... **1.49**

Two-in-One Reversible Screwdrivers

Low As **3.19**

Both types instantly reversible. Comfortable molded handles.

[A] Reverses #1 Phillips to 3/16" standard.
64-1950 ..... **3.19**

[B] Reverses #2 Phillips to ¼" standard.
64-1951 ..... **3.49**

Handy for Glovebox

8-Pc. Interchangeable Nutdrivers

Color-Coded Handles **4.99**

Carrying Case

Drivers fit into master "power handle." With insulated handles, tempered steel, rust-proof sockets. ⅛", 3/16", 7/32", ¼", 9/32", 5/16", 11/32", ⅜" **64-1800** **4.99**

6-Pc. Nutdriver Set

4.59

Hardened, Tempered Steel

Ideal for many purposes around the house or by the repairman. Sizes: 3/16" to 7/16". Easy-grip molded handles.
64-1821 ..... **4.59**

4-in-1 Tool Kit

1.19

Three screwdrivers (2 flat-heads, 1 crosspoint) and awl. All have precision tips with durable plastic chuck handles.
64-1819 ..... **1.19**

Handy Helpers from The Shack® for Home or Travel

Micronta® Electronic Blood Pressure Tester

Handy Pressure Cuff **69.95**

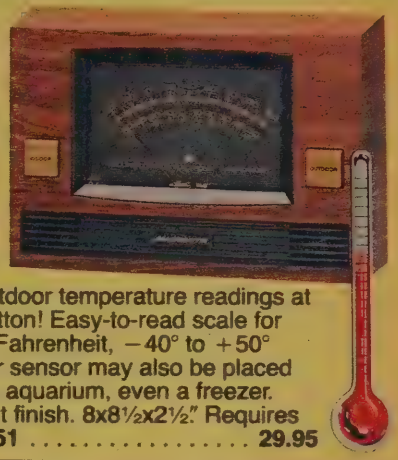
- *Easy One-Hand Operation*
- *No Stethoscope Required*
- *Visual/Audible Readings*

Micronta BP-1. This sphygmomanometer makes it simple to check your blood pressure. And it can be operated with just one hand because a built-in microphone takes the place of the stethoscope. You get instant readings on the large scale, from 20 to 300. Red flashing light and "beeper" indicate systolic (upper) and diastolic (lower) blood pressure. Automatic release valve and built-in battery condition indicator. Includes charts for keeping a record of blood pressure and a handsome vinyl case. Requires 9V battery. **63-660** **69.95**

Check Your Blood Pressure Quickly and Easily Right at Home

Indoor/Outdoor Thermometer

29.95



- *Dual-Range 4½" Scale*
- *All-Electronic Operation*

Get indoor or outdoor temperature readings at the push of a button! Easy-to-read scale for −40° to +120° Fahrenheit, −40° to +50° Celsius. Outdoor sensor may also be placed in another room, aquarium, even a freezer. Simulated walnut finish. 8x8½x2½". Requires 9V battery. **63-651** **29.95**

Foreign AC Travel Adapters

Low As **12.95**

Pocket Size! Convert 220/240VAC to 110/120VAC

A **50-Watt Converter Transformer—for Electronic Equipment.** Provides 110/120VAC from 220/240VAC source at up to 50 watts. For razors, radios, cassette portables, calculators. Works with most photo-flash units, nickel cadmium and dry-cell battery rechargers. Overload protected. 9½ oz. 1⅝x2⅝x1¼." With carrying pouch. **273-1401** **12.95**

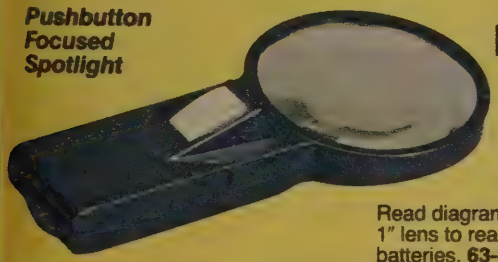
B **1000-Watt Converter—for Non-Motorized Appliances.** Use your 120VAC appliances on 220/240 volts. Powers frying pans, percolators, heating pads—overload protection circuit. 3 oz. 3½x1½x1½." With carrying pouch. **273-1402** **12.95**

C **1600-Watt Converter—for High-Power Heating Appliances.** Converts 220/240VAC to 110/120VAC to power most portable hair stylers and curlers, coffeemakers, irons, sterilizers, heating pads, toasters. Overload protection circuit. 3 oz. 3½x1⅞x1⅞." Includes vinyl carrying pouch. **273-1404** **17.95**

D **Plug Adapters (Set of 4).** Connect your foreign voltage converter to almost any wall outlet anywhere! Includes vinyl pouch. MUST BE USED WITH VOLTAGE CONVERTER (above). **273-1405** **7.95**

Dual-Power Lighted Magnifier

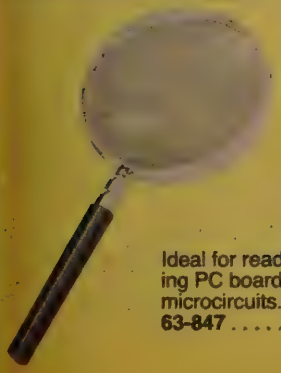
Pushbutton Focused Spotlight



4.98

Read diagrams and print with 3" main lens, use 1" lens to read smallest type. Requires 2 "AA" batteries. **63-848** **4.98**

3X Power Magnifier



3.29

Wide-Angle Viewing

Ideal for reading small type, inspecting PC boards, working on jewelry, microcircuits. 3" lens. **63-847** **3.29**

Solar Cigarette Lighter

1.99

Pocket-sized parabolic mirror lights cigarettes with solar energy. No flame to blow out. Carrying pouch. **61-2797** **1.99**

Batteries for the Power You Need When You Need It

A 1.5V "D" Cell B 1.5V "AA" Cell C 1.5V "C" Cell D 9V Rect.

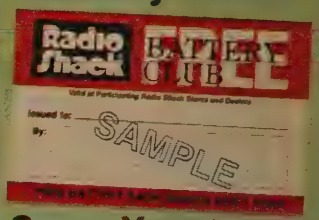
General Purpose Enercells

- *Cost Less Than Most Other Brands*
- *Protected Against Leakage*
- *Rigid Steel Shell, Polyethylene Inner Liner*

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong when you buy them. Compare and you'll see what a value they really are.

Fig.	Cat. No.	Cell Type	Replacement for			Each
			Eveready	Ray-O-Vac	Mallory	
A	23-466	"D"	950	13	M13F	.34
B	23-468	"AA"	915	15	M15F	.27
C	23-467	"C"	935	14	M14F	.34
D	23-464	9V Rect.	216	1604	M1604	.59

Get a FREE Battery Card!



Saves You Up to $7.08

Join our Battery-A-Month Club and get one Radio Shack General-Purpose Enercell each month, FREE, for one whole year! No obligation! Nothing to buy! Choice of 1.5V "D," "C," "AA" or 9V sizes. Come in for your card!

Good at Participating Radio Shack Stores and Dealers

ENERCELL® Extra-Life Batteries

- *Shelf Life Up to Three Years • Rigid Steel Case*
- *"Miracle Seal" for Greater Leak Protection*

Save money, save bother by stocking up now on our Enercell Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer trips to the store for replacements.

Fig.	Cat. No.	Cell Type	Replacement for		Each
			Ray-O-Vac	Eveready	
A	23-580	"D"	6D	1250	.55
B	23-582	"AA"	5AA	1215	.45
C	23-581	"C"	4C	1235	.55
D	23-584	"AAA"	400	912	.35
E	23-583	9V Rect.	D1604	1222	1.19

A 1.5V "D" Cell B 1.5V "AA" Cell C 1.5V "C" Cell D 1.5V "AAA" Cell E 9V Rect.

Deluxe Home Battery Charger

11.95

- *9V Battery Terminal*
- *Charges 2 or 4 Cells*
- *Power Indicator*

Revitalize your weak "C," "D," "AA" and 9V radio and flashlight batteries. Cannot overcharge. For standard carbon-zinc types. U.L. listed AC operation.

23-120 . . . . . **11.95**

9V Battery Eliminator

Play Your Portables on AC **4.95**

Save money on battery-operated items. Plugs directly into AC wall outlet to replace 9-volt snap-connection rectangular battery. U.L. listed AC operation.

270-1552 . . . . . **4.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

ENERCELL® Alkalines—Cheaper in the Long Run

Last Up to 10 Times Longer*

- ***High Output Even at Low Temperatures***
- ***Long Shelf-Life—Stock Up***

Try 'em and see for yourself! Our exclusive alkalines retain full power through long periods of storage at normal temperature, and work well even in the lowest temperatures. Each delivers top performance at high current drain and is steel clad and insulated for dependability. Non-rechargeable. (*In same service as regular zinc-carbon cell.)

Fig.	Cat. No.	Cell Type	Replacement for			Price
			Ray-O-Vac	Eveready	Mallory	
A	23-551	"C"	814	E93	MN1400	Pkg. of 2 for 2.19
B	23-554	"AAA"	. . .	912	MN2400	Pkg. of 4 for 2.69
C	23-553	9V Rect.	. . .	. . .	MN1604	Each 1.99
D	23-552	"AA"	815	E91	MN1500	Pkg. of 4 for 2.79
E	23-550	"D"	813	E95	MN1300	Pkg. of 2 for 2.19

Last 10 Times Longer in Toys

5 Times Longer in Radios

7 Times Longer in Flashlights

6 Times Longer in Walkie Talkies

Portable Lantern Batteries

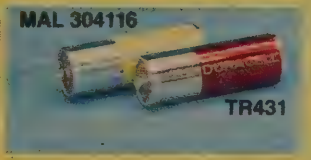
Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-066	6	942	510S	M915	2.89
23-006	6	941	509	M908	2.49
23-143	1.5	6IGN	1S6	M905	4.39
23-541	6	918	731	M918	6.95
23-007	12	926	732	M926	9.89
23-016	6	944	1209	M918	3.49

Transistor Radio Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-509	15	220	504	M504	2.79
23-510	22.5	221	505	M505	3.59
23-012	9	1600	226	M1600	2.49
23-569	9	1603	276	M1603	4.69
23-010	9	T1611	206	M1611	2.09
23-011	9	1605	266	M1605	3.09
23-574	1.5	716-4	904	910F	.29

Smoke Alarm Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-670	12.6	. . . . .	304116	304116	8.59
23-671	11.2	. . . . .	. . . . .	TR431	8.59



Miniature Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-641	1.4	T312	E312	RM312	Pkg. 2/1.19
23-1521	1.4	T675	E675	RM675	Pkg. 2/1.09
23-1515	1.4	T640-1	E640	RM640	1.79

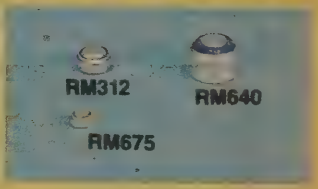


Photo Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-023	1.5	810	E90	MN9100	Pkg. 2/1.95
23-470	1.35	. . . . .	. . . . .	PX13B	1.79

Specialty Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Ever-eady	Mal-lory	
23-601	7.0	T175	E175	TR175	3.99
23-1536	8.4	T126	E126	TR126	5.29
23-1523	4.2	T133	E133	TR133	4.49
23-1527	8.4	. . . . .	E146X	TR146X	3.99
23-1535	1.4	T9	E9	ZM9	Pkg. 2/4.59
23-660	1.4	T401	E401	RM401	1.29

5-Range Battery Tester

9.95

- ***Tests Most Popular Types***
- ***2-Jewel Movement***

Accurately measures voltage of batteries under "load" conditions. Ranges: 1.5/6/9/15/22.5 volts. Two color-coded scales for testing regular and mercury batteries. Tests watch/calculator batteries, too. Single-knob range selector. With test leads. **22-030** **9.95**

Handy Battery Checker

Tests 9V and 1½V "D," "C" and "AA" Sizes **6.95**

Just press battery in place for instant indication of voltage level. Tests zinc-carbon, alkaline, mercury, nickel cadmium batteries. **22-100** **6.95**

Battery not included

ENERCELL® Rechargeables for Big Battery Demands

Nickel Cadmium Batteries—More Power to You!

- ***ENERCELLS Keep Working Long After Regular Batteries Have Worn Out***
- ***Steel Clad and Insulated for Extra Dependability***

Save money and bother! Just recharge—and reuse our exclusive ENERCELL batteries time and again with the optional-extra charger at right. Retain full power indefinitely when stored at normal temperatures.

Fig.	Cat. No.	Cell Type	Replacement for				Pkg. of 2
			Eveready	Ray-O-Vac	GE	Mallory	
A	23-125	AA	CH500	615	GC1	NC15AA	4.39
B	23-124	C	CH1.2-C	614	GC2	NC14C	5.75
C	23-123	D	CH1.2-D	613	GC3	NC13D	5.95
D	23-126	9V*	CH22BP	NC1604	GC9B	NC169VB	9.95 Ea.

Nickel Cadmium Battery Charger

Specially Designed for Recharging Radio Shack ENERCELL Batteries

10.95

Batteries not included

Charges "AA" batteries in three to seven hours, "C" and "D" batteries in seven to fourteen hours depending on the initial charge. Two charging sections let you charge any pair of cells in one section while a different pair recharges in the other. 8⅜x3⅞x2¼". U.L. listed AC operation. **23-122** **10.95**

ENERCELL AC Recharger

Charges the ENERCELL Transistor Battery **3.95**

Plugs directly into 120VAC. Charging time varies from 14 to 16 hours depending on battery condition. U.L. listed. **23-131** **3.95**

Radio Shack—Battery Center for Watches, Calculators, Hearing Aids

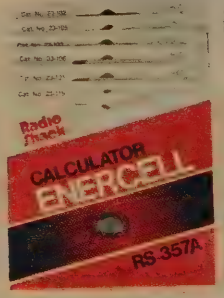
Silver Oxide Watch/Calculator Batteries

Designed for Extra Protection Against Leakage

Silver oxide—keeps equipment operating a long, long time.

Cat. No.	Type	Replaces	Each
23-009	RS 76	B76S. S76E. MAS76. MS76RA. RS76G. 8104. ZS76	3.29
23-101	RS 389	EV389. 10L122. RW49. 389. SB-BU. WL10. SR 1130. G10. 17. 544. 189. 289. GP89. D389	2.49
23-102	RS 392	EV392. Type K. 10L125. RW27. RW47. 247B. WL1. G3. 2. 547. 8009. GP92. 392. D392	1.79
23-103	RS 393	EV393. Type F. 10L123. RW28. RW48. 255. WL6. G5. 15. 546. 8010. GP93. 393. D393	2.69
23-104	RS 303	EV303. Type A. WS14. SB-A9. GS14. 9. 521. EPX77. 8002. 303. D303	3.29
23-105	RS 357	EV357. Type J. 10L14. RW22. RW42. 228. WL14. G13. 7. 541. 8006. A76. D76. EPX76. F76. S76. GP57. 357. D357	3.59
23-106	RS 386	EV386. Type H. 10L124. 10R124. RW24. RW44. 260. WL11. G12. 6. 548. S41. S42. 186. 286. 8007. GP86. 386. D386	3.19
23-107	RS 391	391. 10L130. 317. SR1120W. SB-BS. WL5. G8. 31. 291. 8018. 1160S0. D391	1.99

Alkaline Calculator Batteries



Keep Your Calculator Running at Peak Performance

Exclusive sealing design guards against leakage for maximum performance.

Cat. No.	Type	Replaces	Each
23-115	RS 357A	EPX76. S76. 357. MS76. RS76. 10L14. RW42. SR44W. G13. G13F. D357. D76. F76. GP76. GP57. 8006. 76-A	99¢
23-116	RS 386A	386. 10L124. SR43W. 86-A. RW44. G12. GP86. D386. 8007. 548	99¢
23-117	RS 389A	389. 289. 10L122. RW49. G10. SR1130W. GP89. 89-A. D389. 8019	99¢
23-118	RS 391A	391. 291. 10L130. RW30. SR1120W. G8. GP91. D391. 8018. 533	99¢

Mercury Hearing Aid Battery Pack

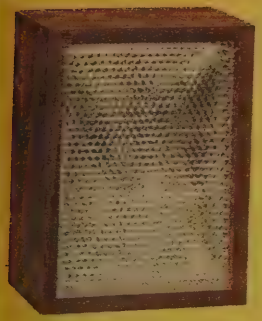
NEW FOR '81

Dial-A-Cell Dispenser Keeps Spare Batteries Handy

Made to the highest industry standards, these batteries undergo over 20 exacting quality checks and controls to insure the dependability you need and expect.

Cat. No.	Type	Replaces	Pk/6
23-145	RS 675m	EP675E-6. E675E-6. MP675H. RP675. 8107. 675 mp	3.79
23-146	RS 13m	E13E-6. RM13H. R13. 8118. M13. 13. B26	3.59
23-147	RS 41m	E41E-6. RM41H. R41. 8116. M41	3.79

Soldering Kits for Interested Electronics Hobbyists



Pulsing Strobe Light Kit

29.95

- *A Sensation at Any Party*
- *Brilliant Bursts of Rapid-Fire Light*

Adjustable flash rate "stops" motion of dancers, fan blades, almost anything. Molded cabinet. With instructions. 120VAC. 8 13/16x6 3/4x4 1/2". **28-4019** **29.95**

ArcherKit®

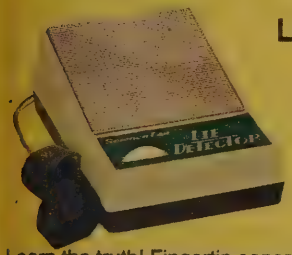
Color Organ Kit

Set the Scene! Add Colorful Lights to Your Music System

29.95

Built-In Sound Sensor

Multi-colored flashing lights follow the music for fascinating visual effects. Sound-activated, nothing to connect—just plug into 120VAC. 18x11 1/2x5". Walnut vinyl veneer. **28-4024** **29.95**



Lie Detector Kit

12.95

Great Game Idea at Parties

Learn the truth! Fingertip sensor electronically detects skin changes due to nervousness. Requires 9V battery. With manual. **28-182** **12.95**

Electronic Bike Speedometer Kit

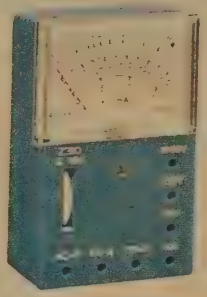
- ***Fits Most Bikes***
- ***Easy Assembly***

Add fun to your bike riding! Features dual scale that reads both kilometers and miles per hour. Includes instructions, mounting bracket, hardware. Requires 9V battery.

14.95

28-4026 . . . . . **14.95**

8-Range Multitester Kit



7.95 ***Pocket Size***

Mirrored scale, pin jacks for all ranges, 1000 ohms per volt. Reads AC/DCV to 1000, DC mA to 150, resistance to 100k. Requires "AA" battery. With leads. **28-4012** **7.95**

25-Range Multitester Kit

19.95

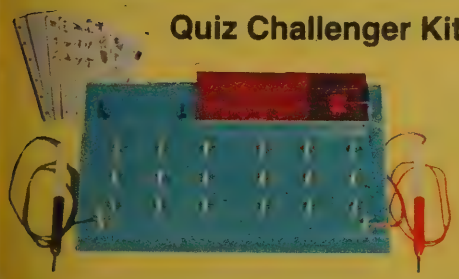
4" color-coded, mirrored scale DCV, 0-1200 at 20k/V. ACV, 0-1200 at 10k/V. Current, 0-60 µA-300 mA, DC. Resistance, Rx1-Rx1000. Decibels, −20 to +63. Accuracy: ±3% DC, ±4% AC. Requires "AA" battery. 5 19/32x3 15/32x1 1/2". With leads. **28-4013** **19.95**

43-Range Multitester Kit

31.95

4 1/2" mirrored scale, overload protection. DCV, 0-500 at 50k/V, 0-1000 at 25k/V. ACV, 0-500 at 10k/V, 0-1000 at 5k/V. Current, 0-10A. DC. Resistance, Rx1–Rx10k. Decibels: −20 to +62. Accuracy: ±3% DC, ±4% AC. Requires "AA" and 9V battery. 6 3/4x4 7/8x2 1/8". With leads. **28-4014** **31.95**

Fascinating Hobby Kits That Entertain for Hours—No Soldering Required



Quiz Challenger Kit

Includes 40 Question-and-Answer Quiz Panels

6.95

The correct answer lights the programming panel! Test your knowledge of science, history, geography, lots more. Non-technical instructions. Solderless. Requires "AA" battery. **28-213** **6.95**

Motor/Generator Kit

9.95

Can Even Power Other Devices

Reversible, tripolar motor measures RPM and current. Solderless, completely safe. Instructions included. Requires 2 "C" batteries. **28-194** **9.95**

Science Fair® Junior Astronomy Kit

10.95

- ***Build a Telescope***
- ***Study the Moon, Planets & Stars***

Includes components of a 15x12" refractor telescope, moon map, constellation finder, and a 32-page manual. Snap-fit telescope assembly. **28-195** **10.95**

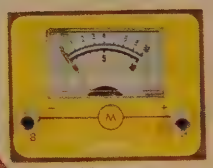
Fun! Safe! Build a "Solderless" Science Fair® Kit

Increase Your Electronics Knowledge! 150 Challenging Projects

29.95

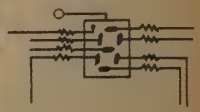
Code Key

Earphone



Meter

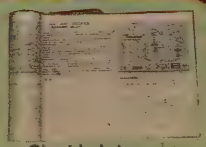
Advanced Integrated Circuit



7-Segment LED Digital Display

Includes All You Need to Start A Hobby in Electronics

Explains every project on giant easy to read pages. Non-technical. Schematics teach theory, simple diagrams make hookup easy.



Giant Lab-type Manual Included

You'll amaze yourself and your friends when you build radios, a telegraph, a one-way telephone, a wireless mike and lots more. Simple computer-type circuits include "AND," "NAND," "OR" and "NOR" with LED, plus flip-flop lamp flasher and others. You can even produce electronic sound effects. Parts are premounted—connect, disconnect and reconnect circuits in the wood case using spring-clip connectors. All projects solar or battery powered. Requires one 9V and 2 "AA" batteries. **28-248** **29.95**

Solar Energy Experimental Lab

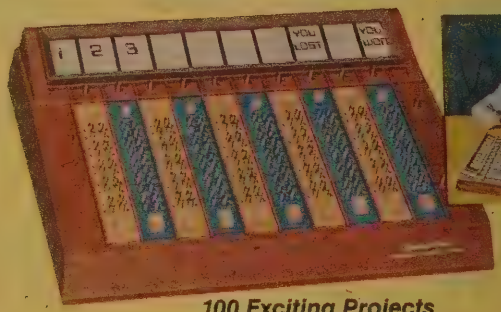
NEW FOR '81

19.95

120 Exciting Projects

Now you can convert solar energy to electrical energy, build a solar powered radio, a solar powered perpetual motion pendulum and much more! Solar oven boils water and cooks food. Some experiments require a 9V battery. **28-190** **19.95**

Digital "Computer" Kit



26.95

100 Exciting Projects

Digital computer assembles easily for hours of fun while you learn about binary math, and elementary computer programming. Includes illustrated 68-page manual. Requires 3 "C" batteries. **28-218** **26.95**

Harness Solar Energy

14.95 *Build 25 Electronic Circuits*

Create a sun-powered radio transmitter, relay, sound synthesizer and other fascinating projects. Includes manual. Some projects require one 9V and two "AA" batteries. **28-246** **14.95**

Electronic Digital Logic Lab

Hours of Fun **12.95**

Kit contains "AND," "NAND," "OR," "NOR" circuits, electronic games and more. Complete with integrated circuit chip, LED and all other necessary components. Requires 3 "AA" batteries. **28-226** **12.95**

MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

Science Fair® Kits for Hobbyists of All Ages

50 Exciting Projects to Stimulate Young Minds

NEW FOR '81

- *Spring Clip Terminals for Absolutely Safe Hookup*
- *Workbox Made of Finished Wood With Parts Pre-Mounted Inside*

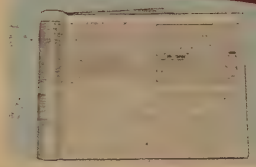
19.95

Code Key

Radio Circuit

Earphone

Discover the exciting world of electronics! Now you can build a radio, a telegraph, a morse code system, and much more. Easy-to-understand instructions show you how to hook up transistors, diodes, resistors, capacitors and other parts for 50 exciting projects! And all you have to do is connect the wires to spring-clip terminals to construct one of the many projects—when your project is finished, disconnect the circuit and go on to another one. No prior knowledge of electronics necessary! Requires 2 "AA" batteries. **28-227** **19.95**



Lab-Type Manual Included
Every project explained on easy-to-read, illustrated pages in non-technical terms. Pictorial diagrams make hookup easy.

Crystal AM Radio Kit

"Plays Forever"

4.95

Available Sept. 30

Plays without AC or batteries. A diode converts the RF signal to audio, covering the 550 kHz-1600 kHz band. Includes earphone, instructions, theory of operation.
28-219 . . . . . **4.95**

2-Transistor AM Radio Kit

Easy To Assemble

6.95

Available Sept. 30

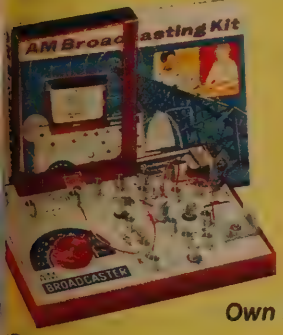
Enjoy your favorite AM stations on a radio you assembled yourself! You can use any 9V battery. Tunes the entire 550-1600 kHz AM band. With earphone, instructions.
28-229 . . . . . **6.95**

VHF Radio Kit

14.95 *Police! Aircraft! Weather!*

Tunes 108-135 MHz and 147-174 MHz bands. With see-thru dust cover, earphone. Requires 9V battery. **28-221** **14.95**

Note: Police frequencies vary throughout the USA. Check locally for frequencies used in your area.



Be a Disc Jockey

7.95

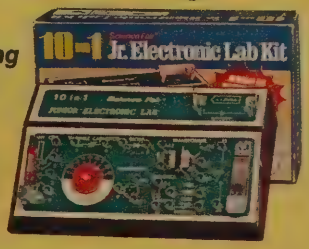
Create Your Own Programs

"Broadcast" your own programs through any standard AM radio—up to 40' away! Includes microphone, transmitter, tuning control and antenna wire. Requires 9V battery. **28-209** **7.95**

A Kit for Future Engineers

10 Exciting Projects in One

10.95



Build your own home AM broadcast station, amplifier, audio test equipment, code oscillator. Includes manual. With earphone. Requires one "AA" battery.
28-225 . . . . . **10.95**

AM/FM Radio Kit

Pre-assembled FM Tuner Section **12.95**

Tune in your local stations. Includes earphone, manual. Requires 2 "AA" batteries.
28-234 . . . . . **12.95**

Let's Go Flying!

Over 100 Projects **17.95**

Learn the mechanics of flight and propulsion! Build a helicopter, a flyable model airplane, helium balloon, more. 160-page manual.
28-196 . . . . . **17.95**

Radio Control "Driving Fun" Right in Your Hand!

2-Channel Lancia Stratos

NEW FOR '81

29.95

- *Goes Forward/Reverse*
- *Turns Left/Right*
- *Stops • "On" Light*

STOP

On your mark, Get set, GO! You're "behind-the-wheel" by remote control, with Auto-Stop if you lose control. Requires four "AA," two 9V batteries. Car length, 9½". 27 MHz.
60-3027 . . . . . **29.95**

Ferrari Racer

11.95

- *Authentically Styled*
- *Fun for Kids 6 and Up*

High-speed forward and reverse/turn action at your fingertips, indoors or out. Requires two "AA," and two 9V batteries. Car length, 7½". 27 MHz. **60-3015** **11.95**

NEW FOR '81

Lamborghini Racer

24.95

- *Race the Course Against the Clock*
- *Ready to Run*

You control the course! Authentic racer goes forward, reverse, turns left and right. Requires 6 "AA," and two 9V batteries. Car length, 9½". 27 MHz. **60-3026** **24.95**

2-Speed Off-Roader

29.95

- *4-Wheel Drive Action*
- *Tackles Tough Terrain*

STOP

Explore the "back-road" country! Takes on rough ground and climbs hills. Drives forward/reverse, turns left/right, and stops at your command. Requires four "AA," two 9V batteries. Vehicle length, 9¾". 27 MHz. **60-3039** **29.95**

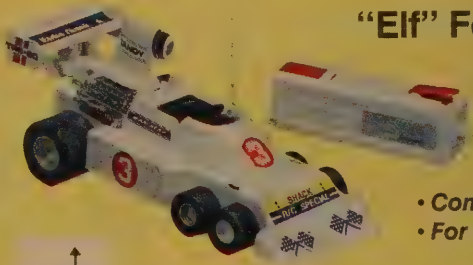
Porsche-928 Racer

- *Full Control at Your Fingertips*
- *1/16 Scale*

39.95

STOP

It's a race to the finish with this full-function, highly detailed speedster. Starts, stops, and turns left or right going forward or backward. On/off switch. Requires four "C," two 9V batteries. Car length, 11½". 27 MHz. **60-3017** **39.95**



"Elf" Formula Racer

14.95

- *Completely Detailed*
- *For Any Smooth Surface*

Hand-held, one-button transmitter puts you in the driver's seat of your own high-speed racing car! Goes forward and reverse/turn. Requires four "AA," and two 9V batteries. Car length, 9½". 27 MHz. **60-3014** **14.95**

Radio Controlled Racing Team

49.95 Pair

Each Car Operates On Its Own Frequency

STOP

You're at the wheel in a high-speed race! Cars have authentic styling and include "steering wheel" remote controls. Two-speed operation. Requires two "AA," two 9V batteries for each car and control unit. Car length, 7¼". 27/49 MHz.
60-3018 . . . . . **Pair 49.95**

NEW FOR '81

Digital Proportional Dune Buggy

59.95

- *A Huge 16" Long By 8" Wide*
- *Speed and Steering Trim Controls*
- *LED Power Indicator*

DIGITAL PRO PORTIONAL

It's proportional—responds directly to amount the speed and steering controls are moved. Forward, reverse; turns left, right; stops. Requires 6 "AA," 5 "C" batteries. 27 MHz.
60-3038 . . . . . **59.95**

Radio-Controlled Heavyweights . . . for Big Action!

NEW FOR '81 Ahoy! Command Your Own Cruiser

39.95

Pilot Boat Up to 100 Feet From Dock or Shore

Fun for sailors and landlubbers alike! Sails in lakes, ponds, streams, swimming pools. Steers forward and left or right by remote control. Automatic out-of-range safety lock. Requires 9V and 6 "AA" batteries. Boat length, 10½". Includes display stand. 27 MHz. **60-3022** **39.95**

NEW FOR '81 Pan Am Jet

19.95

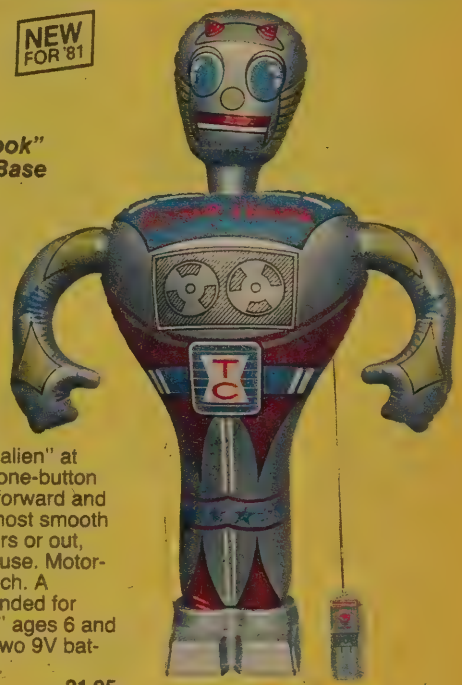
- ***Modeled After the Real Jumbo Jet***
- ***Goes Forward, Reverse/Turns***

Taxi down the runway with the remote control unit in hand and let your imagination soar. Requires four "AA," two 9V batteries. Jet length, 10¾". 27 MHz. **60-3047** **19.95**

Give Orders to This Outer Space Robot

21.95 NEW FOR '81

- ***Over 3 Feet Tall***
- ***Inflatable "Metal-Look" Vinyl with Molded Base***



Take me to your leader! Hand-held battery-powered remote control transmitter puts the "alien" at your command. Simple, one-button action maneuvers robot forward and reverse/turns. Runs on most smooth surfaces or carpet, indoors or out, and stands up to a lot of use. Motorized base has on-off switch. A "bionic" buddy recommended for children and "grown-ups" ages 6 and over. Requires four "C," two 9V batteries. 27 MHz operation.
60-3023 . . . . . **21.95**

Payloader

NEW FOR '81

29.95

- ***Working Front-End Scoop***
- ***Tough, Molded Body***

Put on your hard hat and start construction! Single control makes unit go forward, reverse, turn, lift and lower shovel — just like a real payloader! Requires three "C," two 9V batteries. Length, 12". 27 MHz. **60-3034** **29.95**

Combat Tank

24.95

Includes Four Plastic Pylons To Set-Up an Obstacle Course

Advance into battle! Transmitter lets little lieutenants maneuver where the "action" is, without track or wires. Moves forward, turns left or right at any angle. Requires three "C," two 9V batteries. Length, 8½". 27 MHz. **60-3009** **24.95**

Drive a Wrecker Truck

24.95

- ***Pull Another Vehicle***
- ***Control Unit Provides Fingertip Response***

STOP

Pick up "stalled" cars and tow 'em away. Fully detailed for playtime imagination. Drives forward, reverse/turns, stops. Requires four "AA," two 9V batteries. Truck length, 11". 27 MHz. **60-3035** **24.95**

High Power Sherman Tank

NEW FOR '81

39.95

Scale Model of the Famous World War II Army Tank

STOP

Command your own battalion! Change field position by maneuvering forward, left, right, and stop over rough terrain and climbing 45° inclines. Requires three "C," two 9V batteries. Length, 13". 27 MHz. **60-3037** **39.95**

Fascinating Electronic "Action Toys" for Everyone

Exciting TV Games for Indoor Family Enjoyment

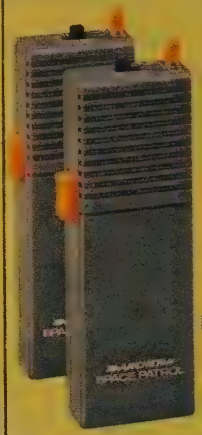
39.95

Six Games for One or Two Players

Choose hockey, tennis, squash, single player practice, target or skeet! On-screen scoring, sound effects, auto/manual serve, variable ball speed, paddle size and bounce angle. Requires 6 "AA" batteries. FCC approved.
60-3061 . . . . . **39.95**
AC Adapter. U.L. listed. **60-3053** . . . **5.95**

Play Any of These Games!

Archer Space Patrol® Walkie-Talkies



All Operate On 49.86 MHz

No License Required!

A **9.95 Each**

B **15.95 Each**

Fits in a Shirt Pocket **18.88 Pair**

Micro-Thin. Sensitive super-regenerative receiver, 1½" speaker. Telescopic antenna. Requires 9V battery.
60-4004 . . . . . **Pair 18.88**

A **Standard.** Buy a pair for outdoor adventures or to keep in touch on trips—talk, or send Morse Code. Code alphabet on front panel. Telescopic antenna, on-off switch, lock-on talk switch. Requires 9V battery.
60-4001 . . . . . **9.95**

B **With AM Radio.** It's a walkie-talkie, it's a portable AM radio—with on-off/volume control, AM tuning, Morse Code key, locking push-to-talk switch, telescopic antenna, and a carry strap. Requires 9V battery.
60-4003 . . . . . **15.95**

Computerized Games—Challenging, Fun, Fascinating!

With Protective Cover

NEW FOR '81

Available Sept. 30, 1980

99.95

8 Levels of Play—A Challenge Every Time

Computerized Chess Game

Hours of fun for beginners as well as aspiring masters! Play against the computer on any of 8 different skill levels. Features molded case with built-in board and pieces, LED rank display and position verification. Requires 6 "AA" batteries. 8x5½x1½". **60-2160** **99.95**

Electronic Pinball

26.95

Arcade Fun at Home for 1 or 2 Players

Careful not to tilt! Work the flippers to win bonus points or a free ball. Seven skill levels, "bumpers," sound effects. Requires 4 "AA" batteries.
60-2140 . . . . . **26.95**

Electronic Zingo

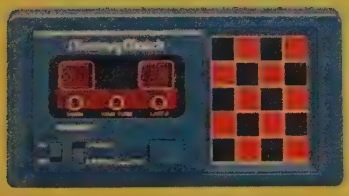
NEW FOR '81

19.95

A Game of Quick Reflexes

Fun for the young and not so young! Stop the bouncing "ball" in groups of four—diagonally, vertically or horizontally. Requires 9V battery.
60-2123 . . . . . **19.95**

Electronic Memory Match



NEW FOR '81 **19.95**

A game of concentration. For 1 or 2 players. Uncover numbers by pressing touch-sensitive squares on "board"—match two from memory and score! Requires 4 "AA" batteries. **60-2122** . . . **19.95**

Blackjack-21/Calculator

22.95

An Electronic Hand-Held Casino That's Also a Full-Function Calculator!

Works just like the real thing—but cheaper. Try to beat the house as the computer "deals" a random hand. Separate keys for hit, bet, stand, insurance, double, split. "Total" key reviews your current stake (or lack of it!). With vinyl carry case. Requires 3 "AAA" batteries.
60-3011 . . . . . **22.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Look What's New in Hand-Held Games at Radio Shack

Championship Football

NEW FOR '81 **29.95**

With College and Pro Skill Levels

Four quarters of action for one or two. Run, pass or kick—you call the plays. LED "players" and score/status display. Requires 9V battery.
60-2150 ..... **29.95**

Electronic Repeat

19.95

Can You Beat a Computer at Its Own Game?

Sharpen your memory—play back the colors and sounds in the same sequence. Gets faster and faster (and harder!) on four skill levels. Requires 9V battery. **60-2142** **19.95**

Electronic Fire-Away

NEW FOR '81 **39.95**

Missile Invader Action Right at Your Fingertips

Shoot down regiments of aliens—but be careful because they drop "bombs" down at you. Score extra points if you hit the streaking UFOs. Requires 4 "AA" batteries. **60-2121** **39.95**

Electronic Sports Arena

NEW FOR '81 **29.95**

Three Exciting Games in One

Play ice hockey, basketball or soccer! Insert one of the "playing field" faceplates and you're set for action. With LED "players," display. Requires 9V battery.
60-2158 ..... **29.95**

Pocket Repeat

15.95 NEW FOR '81

Test Your Memory—Play Back Lights and Sounds In the Same Sequence

It's like Electronic Repeat, above, but in a "mini" size that fits in a pocket. Requires 9V battery.
60-2152 ..... **15.95**

Championship Baseball

27.95 NEW FOR '81

Nine Innings of Major League Excitement

Pitch, hit and run the base paths with LED "players." If your team gets into trouble you can call up pinch hitters or relief pitchers. Requires 9V battery.
60-2154 ..... **27.95**

Electronic Basketball

19.95 For One Or Two

Drive Down the Court And Score a Bucket

Fun for everyone because you don't have to be 6'8" to win. "Amateur" and "pro" settings. LED "players," time and score display. Requires 3 "AA" batteries.
60-2146 ..... **19.95**

Electronic Cycle Race

NEW FOR '81 **21.95**

Thrilling High-Speed Racetrack Action

Try to avoid a crash and stay in the race! Change lanes, speed up or down by shifting through 5 "gears." Requires 9V battery.
60-2153 ..... **21.95**

Electronic Shooting Gallery

12.95 NEW FOR '81

Three Exciting Adventures For The Little Ones

Go on a wild game safari, shoot darts, or tangle with spaceships! Includes faceplates for each game, score keeper. Requires 9V battery. **60-2155** ... **12.95**

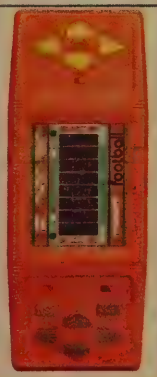
Electronic Golf

21.95

Try to Shoot a Round Under Par

Drive down the fairway and onto the green—watch out for sand traps and the "pond"! "Bleeps" when you sink a putt. For one or two players. Requires 9V battery.
60-2148 ..... **21.95**

2-Player Electronic Football



NEW FOR '81 **39.95**

Computerized Football You Can Play with a Friend

Play four complete quarters. Features separate controls for two players, kick, pass and run control, "normal"/"pro" speeds. Requires 4 "AA" batteries. **60-2156** **39.95**

2-Player Electronic Baseball

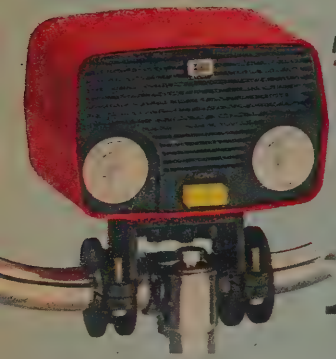
NEW FOR '81 **39.95**

Surprise Your Opponents With Different Pitches

Pitch slow/fast balls, left/right curves or change-ups. Time your swing by following path of pitched ball. With LED scoreboard and field display. Requires 4 "AA" batteries.
60-2157 ..... **39.95**

Unique AM Novelty Radios—They're Somethin' Else

AM with Electronic Horn



Archer Road Patrol® Bike Radios

Never Ride "Alone" Again

Adds to Cycling Fun

19.95

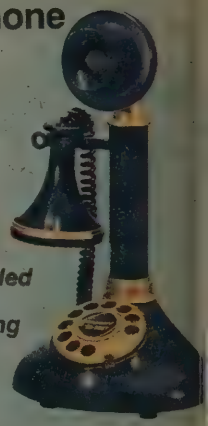
Fits most handlebars, yet removes easily for off-bike use or to prevent theft—bracket stays on bike. Pushbutton electronic horn, 2½" speaker, 3" safety reflector in front, built-in antenna. 3½x5¼x3⅞". Requires 3 "C" batteries.
12-197 . . . . . **19.95**

Budget AM

12.95

Disconnects and reconnects quickly for portable use. Metal mounting bracket attaches to handlebar mount and fits most bikes. Weatherized case with 2¼" speaker, earphone jack, and built-in antenna. 4x5x3½". Requires 9V battery. **12-196** **12.95**

AM Telephone Radio



19.95

- *Uniquely Styled to Look Like the Real Thing*
- *9¼" High*

Say "hello" to the 80s with the look of the 20s! Hidden speaker in earpiece, switch-hook on-off control, mouthpiece volume control, and dial tuning. Requires 9V battery. **12-1921** **19.95**

Tandy AM Space Radio

NEW FOR '81

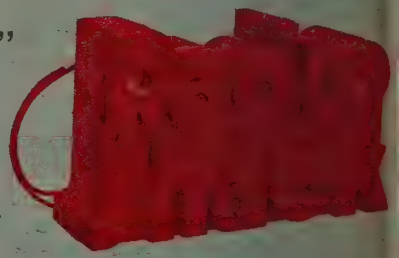
14.95

- *Great Gift and Conversation Piece*
- *Kids'll Love It*

Orbit your favorite AM station with this futuristic spaceship. Rotary "dome" tuning, on-off/volume control, AC adapter jack. 4¾" diameter, 4½" high. Requires 9V battery. **12-958** **14.95**

AC Adapter. U.L. listed. **270-1552** **4.95**

"Radio Shack" AM Radio



12.95

Just Like the World-Famous Radio Shack Store Sign

There's never been a radio like this one! Portable, but also at home on a desk or nightstand. Top mounted on-off/volume and tuning controls, speaker hidden in back, and AC adapter jack. With wrist strap. 4x1¾x6¾". Requires 9V battery. **12-465** **12.95**

AC Adapter. U.L. listed. **273-1431** **4.95**

Cuddly "Pettable" Portable AM Radios

Low As 12.95

Cuddly Cat

Comic Cat

Kids just love these furry little friends with a radio hidden inside. Handy outside controls. Safe! Require 9V battery.

Description	Cat. No.	Each
Pekingese	12-967	13.95
Brown Spaniel	12-979	15.95
Country Mouse	12-975	15.95
Cuddly Cat	12-983	12.95
Raccoon	12-971	13.95
Comic Cat	12-982	15.95

AM Rolls Royce Car Radio

19.95

Perfect for Desk, Mantel, Shelf

A beautiful replica of the classic 1931 "Phantom II." The "spare tires" are actually the tuning and volume controls. 10" long. Requires 9V battery. **12-963** **19.95**

AM Apple Radio

10.88

"For the Apple of Your Eye!"

Great conversation piece, great gift. Side-mounted tuning wheel, hidden speaker, "stem" on-off/volume control. Requires 9V battery. **12-959** **10.88**

CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

Radio Shack's Got Everything in Portable Radios

Deluxe AM Pocket Radio

10.95

- *Slim-Line Design*
- *Integrated Circuit*

The sensitive IC design makes for compact size and superior reliability. "See-through" volume dial is calibrated 1-10. Earphone and AC adapter jacks. Only 5 5/16x2 3/4x1 1/16." With wrist strap. Requires 4 "AA" batteries. **12-173** **10.95**

AC Adapter. U.L. listed. **273-1454** **5.95**

Tandy FM/AM and AM Headphone Radios

A **FM/AM**
29.95

Listen While You Walk, Jog, Do House or Yardwork, Or Enjoy the Play-by-Play of Broadcast Sporting Events

B **AM**
19.95

A **Tandy FM/AM Headphone.** Lightweight for comfort, and the padded earcushions seal out noise. Rich, dual-speaker sound. Antenna is hidden in adjustable headband. Side-mounted controls. Requires 9V battery. **12-186** **29.95**

B **Tandy AM Headphone.** As above, but AM only for $10 less. Requires 9V battery. **12-185** **19.95**

FLAVORADIOS in 4 Colors

7.88 Each

Four Luscious Flavors

Add a special flavor to your listening with these pocketable, personal AM radios! They make great gifts, kids are crazy about them, and each includes an earphone and wrist strap. 3 5/8x2 3/4x1 1/2." Requires 9V battery. **12-166** ..... **Each 7.88**

Budget AM "Mini" Pocket Radio

8.95 Each

- *Slips Easily into Pocket or Purse*
- *Choice of Red or Black*

An attractive slimline portable featuring slide-rule dial with logging scale, top-mounted tuning and on-off/volume controls, handy wrist strap, brushed aluminum trim. 2 1/8x4 1/2x1 1/8." Requires 9V battery.

Black. 12-171 ..... **8.95**

Red. 12-172 ..... **8.95**

Low-Cost AM Pocket Portable Radio

6.95

Perfect "Extra" Portable

Palm-sized, yet has excellent sound quality thanks to "push-pull" circuit and transformerless input and output. Large easy-to-read tuning dial. Rugged molded case, earphone, and carrying strap. 4 1/4x2 3/4x1 1/4." Requires 9V battery. **12-167** **6.95**

Long-Range AM Portable

34.95

NEW FOR '81

Pulls in Stations You've Never Heard Before

The radio to have when you're miles from the nearest town or when you want to hear sports events broadcast only on out-of-town stations. Also great in "problem" reception areas like dorms and hospitals. Tuned FET-RF amplifier with 3-ganged capacitor for super sensitivity. Slide-action volume control, hi-lo tone switch, 3" speaker, automatic battery/AC switching, external antenna jack. 7 5/8x9 1/4x3." With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.) **12-656** **34.95**

Good Listening "To Go" – Realistic® AM/FM Portables

Deluxe "Take-Along" AM/FM Stereo Featuring Stereo-Wide Sound

69.95 *"Stereo-Wide" Circuitry E-x-p-a-n-d-s the Sound for Enhanced Stereo Depth and Channel Separation*

Realistic Concertmate.® The realism of stereo with the convenience of a one-piece portable. Twin 4" speakers for rich sound, rotary volume and tone controls, slide-action stereo balance control, LED FM stereo indicator, built-in FM-AFC, loudness switch for improved bass at low volume levels. Headphone jack. Automatic AC-to-battery switching. 8x10¾x4¼." U.L. listed AC operation or 6 "D" batteries (not incl.).
12-708 . . . . . **69.95**

A **44.95**

B **49.95**

C **16.95**

D **19.95**

E **21.95**

Highly Sensitive AM/FM Portable

A Sensitive signal-pulling circuitry and two ceramic filters provide superb reception, even in metropolitan areas. Features 4" speaker, switchable AFC, slide-action volume and tone controls, extra-large slide-rule tuning dial and built-in AM and telescoping FM antennas. Automatically switches between batteries and AC. 5½x10⅓x3." With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). **12-665** **44.95**

AM/FM/Weatheradio®

B Entertainment plus instant weather updates, anytime, from National Weather Service VHF stations. Slide-action volume and tone controls, 4" speaker, telescoping antenna, switchable AFC, weather fine-tuning, ceramic filters to cut signal interference. Telescopic FM/weather antenna, built-in AM antenna. 5½x10x3." With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). **12-653** **49.95**

Pocketable AM/FM Radios

C **Good.** A neat little radio with slide-rule tuning, side-mounted controls, 2½" speaker, built-in AM and telescoping FM antennas in a smart ruggedized case. 4¹⁵⁄₁₆x3⅛x1⅝." With earphone, wrist strap. Requires 9V battery. **12-635** **16.95**

D **Better.** Dual ceramic filters for outstanding FM, 2½" speaker, telescoping FM and built-in AM antennas, side-mounted controls for easy one-hand operation. 4¹¹⁄₁₆x2⅞x1." With earphone, wrist strap. Requires 9V battery. **12-609** **19.95**

E **Best.** Compact, rugged, stylish. Easy-to-read slide-rule tuning, 2½" speaker, High/Low tone switch, built-in AM and telescoping FM antennas, built-in AFC. 5¼x3x1½." With earphone, wrist strap. Requires 9V battery. **12-713** **21.95**

CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

PortaVision! Take a Handful of Entertainment Along!

Black-and-White 5" TV with AM/FM Radio

- *Truly Portable—Enjoy TV and Radio Indoors, Outdoors and On the Road*
- *Continuous All-Electronic TV Tuning—No Mechanical Contacts to Wear Out*

NEW FOR '81

179.95

Realistic PortaVision.® Feathery light, radiantly bright, and an AM/FM radio is built right in. Enjoy it anywhere—at the game for "closeups" of the action, in vans and boats, all around the house and on the patio. The 5" diagonally measured screen delivers razor-sharp pictures on VHF and UHF channels 2-83, and AFC locks in both TV and FM to prevent drift. 3" speaker plus earphone jack. Separate side-mounted rotary controls for radio and TV tuning, up-front rotary controls for band selection, brightness, contrast, and on-off/volume. Built-in sunscreen. Telescopic UHF-VHF-FM antenna, built-in ferrite bar AM antenna, terminals for external UHF and VHF antennas. 7x5⅞x10". Versatile 3-way power: U.L. listed AC operation or 9 "D" batteries (not incl.) or external DC. **16-100** **179.95**

12VDC Car/Boat Cord 270-1534 . . . . . **4.49**

TV That Says "Take Me Along"

Weighs only 6½ pounds, yet plays on AC or optional internal batteries or external DC power!

Bright Enough to Use Outdoors!

Available Sept. 30, 1980

Simulated TV Reception

Personal Portables—Full-Size Sound You Can Carry Around

High-Style AM/FM

29.95 *Integral Handle for Easy Carrying* — Unique Shape

Grab a handful of music! Rotary volume and hi/lo tone controls, slide-rule dial, built-in AFC on FM, 3" speaker, earphone jack, battery/AC selector switch. U.L. listed AC operation or 6 "AA" batteries (not incl.). 7⅞x7⅞x3". **12-712** **29.95**

Deluxe AM/FM

36.95

- *Hi-Lo Tone Switch*
- *Earphone Included*

Get outstanding reception at home or on the go! 3" speaker, AFC, slide-rule dial, automatic AC-to-battery switching, telescoping antenna. 8x9¼x2½". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). **12-667** **36.95**

Our Most Popular AM/FM

27.95 *"High 'n Wide" Easy-Tuning Dial*

Very stylish radio with 3" speaker, hi/lo tone switch, AC/battery selector switch, AFC on FM, earphone jack. U.L. listed AC operation or 6 "AA" batteries (not incl.). 9¼x7¼x3". **12-711** **27.95**

Multi-Band Portable Radios for Exciting Listening

6-Bands—Including CB, Police, Aircraft

CB
AM • FM
VHF-Lo
VHF-Hi/Air
UHF

99.95

- *Squelch Control*
- *Dual Antennas*
- *Pushbutton Dial Light*

Patrolman® CB-60. Hear CB, police and fire calls, aircraft, U.S. government weather stations, plus AM and FM. Adjustable squelch control eliminates background "hash" on CB/UHF/VHF, all-band fine-tuning for easy station selection. Dual telescoping CB and UHF/VHF/FM antennas, 4" speaker, dial light button, external FM/VHF antenna jack, headphone jack. Bands: 450-512 MHz UHF; 108-174 MHz VHF-Hi/Air/Wx; 30-50 MHz VHF-Lo; CB Channels 1-40; AM; FM. Automatic AC-to-battery switching if AC power fails. 10½x12x4." U.L. listed AC operation or 4 "C" batteries (not incl.). **12-766** **99.95**

5-Bands—Including All 3 Police

- *Adjustable Squelch on VHF and UHF*
- *Tone Control • Headphone Jack*

69.95

Patrolman-50. Hear local police, fire, aircraft, weather, standard AM and FM. Has a 3½" speaker, built-in AM and UHF antennas, jack for external FM/VHF antenna. Bands: 30-50 MHz VHF-Lo and 108-174 MHz VHF-Hi/Air; 450-512 MHz UHF; AM; FM. 9x11x3¼." U.L. listed AC operation or 4 "C" batteries (not incl.). **12-776** **69.95**

3 Bands
VHF-Hi/Aircraft
AM • FM

39.95

- *Squelch Control*
- *Earphone Included*

Patrolman-30. Listen to police, aircraft and control towers, fire, AM, FM and more! 3" speaker, built-in AM and telescoping VHF/FM antennas, earphone included. Bands: 108-174 MHz VHF-Hi/Air; AM; FM. 8x10½x3¼." U.L. listed AC operation or 4 "C" batteries (not incl.). **12-659** **39.95**

VHF Aircraft and AM

19.95

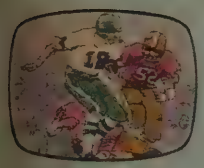
Listen to Planes and Towers "Talk"

Jetstream®-Mini. Tune aviation communications on 108-135 MHz or your favorite AM stations. Telescopic VHF antenna, built-in AM antenna. 4½x2¾x1⅜." With earphone and carry strap. Requires 9V battery. **12-608** **19.95**

WE SERVICE WHAT WE SELL—OVER 100 COMPANY-OWNED REPAIR CENTERS NATIONWIDE

The "World" is Yours with a Realistic® Portable

Radios That Let You Take VHF Television Sound With You!



PortaVision® TV Channel 2-13 Sound On the Go

Keep Up with TV Sports and Soap Operas

A 59.95

B 47.95

C 21.95

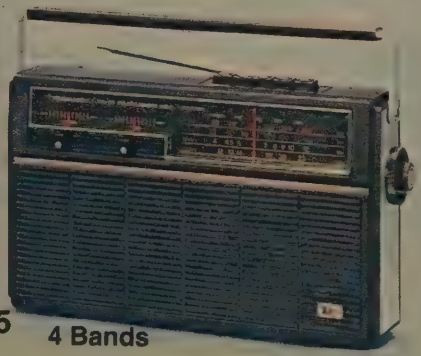
Stay Informed with a Realistic Portable!

A **PortaVision®-5.** Hear VHF-Hi police/fire/weather and VHF-Aircraft action, TV sound on channels 2-13, AM and FM. Tone control, 3½" speaker, headphone jack, built-in AM and telescopic FM/VHF antennas, external FM/VHF antenna jack. Bands: 108-174 MHz VHF-Hi/Air; 54-88 MHz TV-Low (ch's 2-6); 174-216 MHz VHF-TV (ch's 7-13); FM; AM. 9x11x3¼". U.L. listed AC operation or 4 "C" batteries (not incl.). **12-765** **59.95**

B **Realistic PortaVision.** VHF-TV sound, AM and FM you can carry around. Easy-to-read slide-rule tuning dial, FM/TV ceramic filter and RF amplifier, 3" speaker, telescopic antenna, built-in FM-AFC. 7 15/16x10x2¾". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). **12-658** **47.95**

C **Pocketable PortaVision.** Carry FM, VHF-TV sound and VHF weathercasts in your pocket! Rotary tuning dial and side-mounted volume for one-hand operation. 2¼" speaker, earphone jack, built-in AFC on FM, telescopic antenna. Easy-carry strap included. Requires 9V battery. 5x2¾x1¼". **12-612** **21.95**

Action-Packed Shortwave Portables



A 6 Bands 69.95

B 49.95 4 Bands

A **Realistic DX-60.** 3-26 MHz shortwave in 3 bands, all 40 CB channels plus AM and FM. All-band fine-tuning, 4" speaker, headphone jack, built-in AM antenna, 30" telescopic whip antenna for FM/CB/SW, jack for external FM/SW antenna. Auto AC-to-battery switching. 10¼x12x4". U.L. listed AC operation or 4 "C" batteries (not incl.). **12-764** **69.95**

B **Realistic DX-40.** Standard AM and FM plus 4-12 and 12-22 shortwave bands. Slide-action volume and tone, 3½" speaker, built-in AM antenna, telescoping whip for FM/SW, jack for external FM/SW antenna. Automatic AC-to-battery switching. With earphone. 7⅛x12x3½". U.L. listed AC operation or 4 "C" batteries (not incl.). **12-775** **49.95**

TIMEKUBE®—The Radio That Tells Time

Radio Shack Exclusive

34.95

Crystal Controlled On 5, 10 and 15 MHz

Pre-tuned to all 3 frequencies of National Bureau of Standards Station WWV for time signals with atomic-clock accuracy. Pushbutton frequency selectors, telescopic antenna plus external-antenna terminals. Simulated rosewood. 3⅛x4½x3½". **12-159** **34.95**

The Latest in All-Electronic LED Clock Radios

Space-Saving Vertical Style AM/FM Digital

NEW FOR '81

Available Oct. 15, 1980

49.95

- *Auto-Dimmer Controls Clock Brightness*
- *High/Low Tone Switch • PM/Wake Indicators*
- *Feather-Touch Snooze and Sleep Buttons*

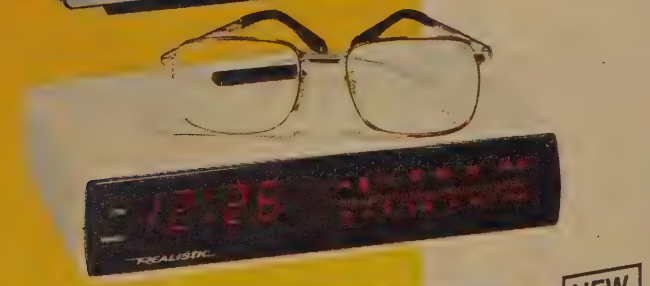
Chronomatic®-219. Elegant in appearance yet takes up very little space. Features radio and buzzer alarms plus a digital display that adjusts itself to changing room light conditions. Sleep button provides 59 minutes of music with auto-shutoff, and the snooze button gives you a few extra minutes of morning rest with each tap. Out-front 3" speaker, AFC and ceramic filter for superb FM, slide-action volume control, buttons for fast/slow/seconds time set. Terminals for external FM antenna. 6⅛x9¾x3". U.L. listed.
12-1524 . . . . . **49.95**

Compact Low-Silhouette AM/FM Digital

41.95

- *High/Low LED Dimmer Switch • Lighted Dial*
- *Top-Mounted Snooze, Sleep and Time Set Buttons*

Chronomatic-211. All the popular features in a very compact size. Wakes you to radio or buzzer alarm and boasts fast/slow time set buttons, on-top 3" speakers, handy side-mounted tuning and volume controls, AFC and ceramic filter for superior FM, earphone jack. 2½x9¼x4½". U.L. listed. **12-1516** **41.95**

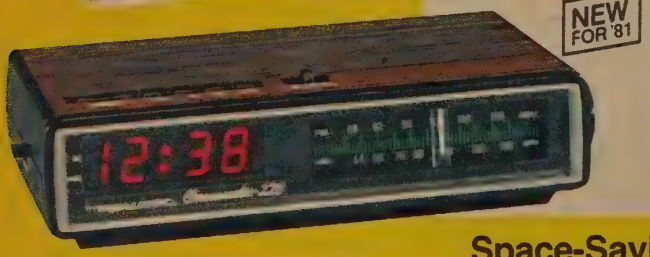


Our Most Compact AM/FM Digital

44.95

- *Just the Right Size for Nightstand or Kitchen Shelf*
- *High/Low LED Dimmer • LED PM/Wake Indicators*

Chronomatic-214. Start your day with a musical wakeup call, or a buzzer, from a radio measuring a mere 2⅜x7⅞x5¾". Clock has fast and slow time set buttons, snooze and 59-minute sleep controls, lighted dial with illuminated LED pointer, 3" speaker. Earphone jack for listening privately. U.L. listed. **12-1521** **44.95**



NEW FOR '81

Compact AM/FM Digital On a Budget

37.95

- *All Clock Controls Conveniently Grouped On-Top*
- *High/Low LED Dimmer • LED PM/Wake Indicators*

Chronomatic-220. Rise 'n shine to your favorite radio station. Clock features a 59-minute sleep control plus fast and slow time set controls. Radio has 3" speaker, AFC to prevent FM drift, ceramic filter to cut FM signal interference, and earphone jack. 2½x8⅝x5". U.L. listed.
12-1527 . . . . . **37.95**

Space-Saving AM Clock Radios

AM Digital Fits Almost Anywhere

32.95

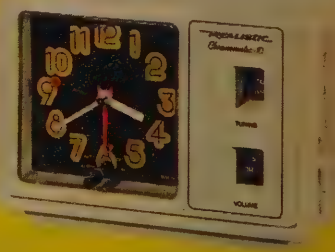
Measures Only 2½x7x4"

Chronomatic-212. Wakes you up to AM radio or buzzer alarm. Clock has sleep and snooze controls, fast-slow time set, PM and wake indicators. Radio has 2½" speaker. U.L. listed. **12-1517** **32.95**

Standard Clock Face with Second Hand

23.95

Giant Easy-to-See Numerals



Chronomatic-10. Wakes you to music followed by alarm. Recessed tuning and volume controls, 3½" speaker. An ideal "2nd" clock radio. 5x7x4¾". U.L. listed. **12-1464** **23.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Special-Feature Electronic Digital Clock Radios

AM/FM Dual-Alarm Digital with Calendar Display

59.95 NEW FOR '81

- *2 Wake-Up Settings & Alarms*
- *Fluorescent Time Display*
- *Forward/Reverse Time Set*
- *Snooze Control • Hi/Lo Dimmer*
- *Lighted Slide Rule Dial*
- *AM/PM Indicator • Seconds Display*

Chronodate™-217. More features, more value than any clock radio we've ever offered. Two-alarm wake-up system is a real bonus for folks who get up at different times. Features snooze and 59-minute sleep controls, displays month and date—and even keeps time in another time zone. Radio has 3½" speaker, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. Visible and audible power failure indicators. 4 11/32x12 19/32x6 11/16". U.L. listed. **12-1518** **59.95**

Wakes You to Music, Alarm or Both—Music Followed by Beep Alarm

Fluorescent AM/FM Digital with Calendar

- *AM, PM and Wake-Up Indicators*
- *Press Snooze Bar for Month/Date*

49.95

Chronodate-209. Wake to radio or buzzer. Clock has hi/lo dimmer, month/hour and day/minute display, snooze and 59-minute sleep controls. Radio has 3½" speaker, AFC and FM ceramic filter, lighted dial, earphone jack. 3½x10¼x5½". U.L. listed. **12-1519** **49.95**

AM/FM with Extra-Large LED Display

- *LED AM, PM and Wake Indicators*
- *Fast and Slow Time Set Controls*

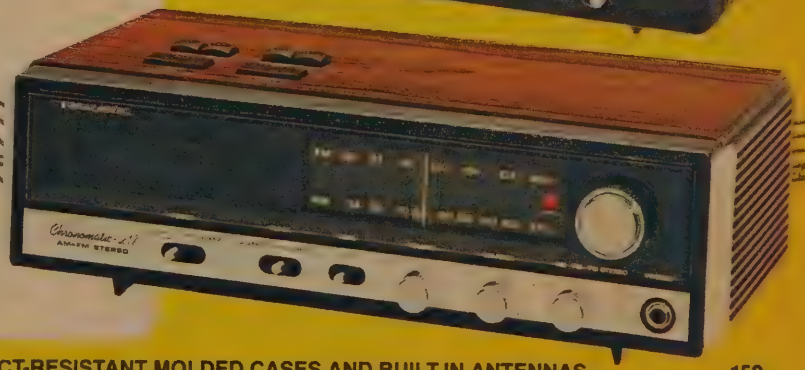
47.95

Chronomatic-213. Features both buzzer and radio alarms. Clock has hi/lo dimmer, 59-minute sleep switch and snooze control. Radio has 3½" speaker, AFC and ceramic filter on FM, slide-rule dial, earphone jack. 3½x10¼x5½". U.L. listed. **12-1520** **47.95**

Fluorescent-Display AM/FM Stereo

- *AM, PM and Alarm Indicators*
- *Stereo Headphone Jack*

69.95



Chronomatic-218. Start your day in eye-opening stereo or with a buzzer. Features 59-minute sleep control, high/low dimmer, snooze, fast-slow time set. Radio has twin side-mounted 3" speakers, AM/FM ceramic filter, FM-AFC, terminals for external FM antenna. 4x12¾x6½". U.L. listed. **12-1526** **69.95**

ALL REALISTIC CLOCK RADIOS FEATURE IMPACT-RESISTANT MOLDED CASES AND BUILT-IN ANTENNAS

Musical Companions for Kitchen, Bedroom, Office

NEW FOR '81

Deluxe AM/FM Table Radio

49.95

- *Big 6½" Full-Range Speaker*
- *Lighted Dial • Tone Control*
- *Ceramic Filter Sharpens FM*

Realistic MTA-11. The 6½" speaker has a free-edge cone and is acoustically sealed in the enclosure for rich full-bodied sound. Three tuned IF stages provide real station-pulling power and rejection of unwanted signals. Built-in antennas, terminals for external FM antenna. Rosewood grained vinyl veneer. 8 25/32 x 13 13/32 x 5". U.L. listed. **12-690** **49.95**

AM/FM Table Radio

41.95

- *Free-Edge 4" Speaker*
- *Lighted Dial*
- *Tone Control*
- *Ceramic FM Filter*

Realistic MTA-8. The little radio that "thinks" it's a hi-fi. Audio power IC assures maximum output and low distortion. 4 tuned IF stages cut signal interference. Built-in antennas, terminals for external FM antenna. Walnut grained vinyl veneer. 6⅛ x 10 13/16 x 13 15/16". **12-689** **41.95**

AM/FM Stereo Table Radio

69.95

Exclusive "Stereo Wide" Circuitry Enhances Stereo Depth and Realism

Realistic Concertmate.® Features switchable AFC on FM. slide-action tone, volume and balance controls, stereo indicator, headphone jack, lighted slide-rule dial. Built-in antennas plus terminals for external FM antenna. 4¾ x 15¾ x 4½". Simulated walnut grain finish. U.L. listed. **12-680** **69.95**

Economical AM Radio

16.95

Fits Anywhere

Transformerless audio input and output for surprisingly fine sound. 4¼ x 8⅝ x 3½". U.L. listed. **12-686** **16.95**

Compact AM/FM/Phono/8-Track Stereo Music System

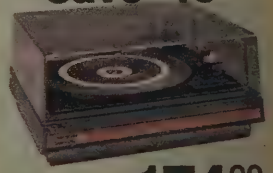
119.95

Stereo Entertainment System at Low Cost

- *Aux Input—Add a Stereo Changer Anytime*
- *Tone and Balance Controls • AFC on FM*
- *FM Stereo Indicator • Headphone Jack*

Realistic Modulette®-8. Listen to 8-track tapes, FM stereo, or AM. Automatic or manual program change with program indicators. Output jacks let you add two extra speakers. Walnut vinyl veneer. 4¾ x 18¾ x 10½". Speakers, 10 x 8⅜ x 5⅛". U.L. listed. **12-1402** **119.95**

Add a Changer Save $15



Reg. Separate Items 189.90 **174.90**

Realistic LAB-49 3-Speed Automatic Record Changer

See Page 21 for Full Description of Record Changer

Exclusive Weatheradios That Keep You Informed

Weatheradio® Alert II

NEW FOR '81

39.95

Alarm Warns You of Bad Weather

Our finest with more features than ever before! Receives up to 40 miles away. Crystal-controlled—no frequency drift. LED "standby" indicator, alarm test button, line-cord and telescopic antennas. U.L. listed AC operation with 9V battery (not incl.) backup in case of power failure. 1¾x6⅞x5". **12-154** **39.95**

Weatheradio Alert Warning System Radios

Get advance warning of dangerous weather and road conditions from a radio so good its circuit has been awarded U.S. Pat. No. 4158148. When weather threatens, a signal from the Weather Service triggers built-in alarm. Then press Weather Button for details on conditions, location, precautions to take.

Weatheradio Alert with LED Clock

49.95

- ***Special Signal Sounds Alarm***
- ***Battery Back-Up for Alert if AC Fails***

A handsome addition to your home or office. With LED "standby" indicator, alarm test button, volume control. Crystal-controlled—no drift. Telescopic and line cord antennas. Clock features alarm, hi/lo display dimmer, snooze button and fast/slow time set. 1¼x4⅝x5 7/10". U.L. listed AC operation with 9V battery (not incl.) backup in case of power failure. **12-153** **49.95**

Handy Pocket Weatheradio Alert

32.95

Alarm Warns of Severe Weather

Take it everywhere—receives up to 35 miles or more! Receives a special alarm tone warning of approaching dangerous conditions when "on" and in "standby." Telescopic antenna. Crystal-controlled. Requires 9V battery. (Alkaline cell lasts 15-20 hours.) 4¾x3¼x1¼". **12-161** **32.95**

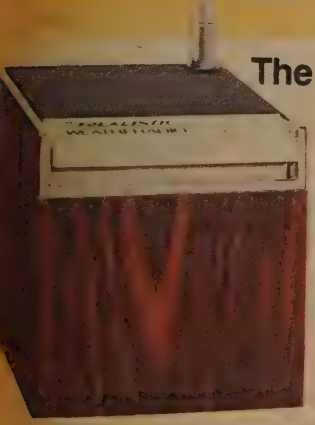
AC Adapter. U.L. listed. **270-1551** **9.95**

12VDC Adapter. **270-1561** **8.95**

Our "Talking Barometer"

Don't let bad weather spoil your day — plan ahead with a Realistic Weatheradio! It's your own hotline to continuous National Weather Service reports on 162.40, 162.475 or 162.55 MHz VHF in over 350 cities nationwide. Check with your local Radio Shack store for details on the station nearest you.

The Original Weatheradio—in a Stylish 3" Cube



17.95

Touch for On/Off

Pre-Set Controls

Simulated rosewood, and just right for desk, den, bedside. Pre-set the hidden controls just once, then tap the Play-Bar for instant weather information. Telescoping antenna, on-top speaker. Requires 9V battery. **12-181** **17.95**

Pocket Weatheradio — "Traveling Weatherman"

12.95

Sensitive Integrated Circuit

Instant weather reports from your pocket! Great for outdoorsmen, farmers, pilots, campers. Pulls in weather stations 25 or more miles away, depending on terrain. Molded case, telescopic antenna, wrist strap. Requires 9V batt. 2¾x3⅞x1¼". **12-156** **12.95**

Top-Mounted Volume and Fine-Tuning Controls

Tune In Worldwide News, Views, Action and Music

NEW FOR '81

4-Band General Coverage Receiver

- *Variable BFO for Receiving Single Sideband and Code*
- *Fine-Tuning Control Helps Separate Closely Spaced Signals*
- *Large Illuminated Main Tuning Dial and Signal Strength Meter*

99.95

Realistic® DX-100. A great way to get started in a fascinating hobby! This easy-to-operate receiver brings you exciting global listening at a very affordable price. Tunes 520 kHz to 30 MHz in four bands, and has variable-pitch BFO for single sideband (SSB) and code (CW) reception. Automatic noise limiter reduces impulse-type interference, and a ceramic IF filter cuts signal interference on crowded bands. ¼" headphone jack. FET front end pulls in even the weaker stations. Up-front speaker for clean, clear sound. 5¾x12x8". U.L. listed AC operation. **20-206** **99.95**

5-Band Communications Receiver

229.95

Frequency Coverage	
150-400 kHz	Longwave
520-1600 kHz	Standard AM
1.55-4.5 MHz	Shortwave
4.5-13 MHz	Shortwave
13-30 MHz	Shortwave

- *Easy to Read Lighted Drum-Type Dials for Main and Bandspread Tuning*
- *Crystal Calibrator • Low-Noise MOSFET RF and Mixer Stages • 5-Element Ceramic Filter*

NEW FOR '81

Realistic DX-200. Explore the world right at home! This feature-packed receiver has calibrated bandspread for easy tuning of the 60, 49, 31, 25, 19, 16 and 13-meter international broadcast bands, the 80, 40, 20, 15, 10-meter Ham bands, and CB. Built-in quartz-referenced 500 kHz calibrator makes tuning precise. Main tuning dial has LED band indicators and adjustable cursor for quick calibrating. RF gain control adjusts receiver for best signal sensitivity. Antenna trim control provides best reception from any antenna. Variable-pitch BFO and Fast/Slow AGC control for outstanding SSB performance. Switchable automatic noise limiter for AM. Front panel ¼" headphone jack. Up-front speaker and powerful IC audio stage for clear sound. Rear panel jack for external speaker, terminals for antenna and ground. 5¾x14½x8" steel cabinet with molded front. U.L. listed AC operation. **20-205** **229.95**

Specifications

Sensitivity: 1 μV for 10 dB S/N ratio. **Selectivity:** ±4 kHz, −6 dB; ±8 kHz, −40 dB. **RF Gain Control Range:** 80 dB at 7 MHz. **Receiving System:** Single conversion, 455 kHz IF. **Calibrator Accuracy:** 20 ppm. **Power Requirement:** 120VAC, 60 Hz.

Our Best! Digital Readout Communications Receiver

Super-Accurate Quartz-Locked Tuning

Wide/Narrow IF Selectivity Switch

3-Way Power: AC, 12VDC Or Internal Batteries

Built-In Code Practice Oscillator

NEW FOR '81

Continuous Coverage from 10 kHz to 30 MHz

- *Triple Conversion Quartz-Locked Circuit for "On the Nose" Tuning Accuracy*
- *LED Frequency Display • Dual-Gate MOSFET Mixers for Low Noise, High Sensitivity*

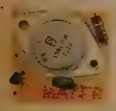
399.95

Specifications

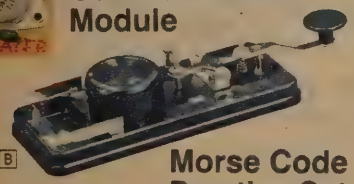
Sensitivity for 10 dB Signal-to-Noise Ratio: AM, 30 µV at 50 kHz, 1 µV at 900 kHz, 0.5 µV at 3.1 MHz and above. SSB, 15 µV at 50 kHz, 0.5 µV at 900 kHz, 0.3 µV at 3.1 MHz and above. **Selectivity:** Wide, ±3.5 kHz, −6 dB; ±6 kHz, −60 dB. Narrow, ±2.5 kHz, −6 dB, ±4.0 kHz, −60 dB. **Frequency Stability:** Within 1 kHz per hour after 60-minute warm-up. **Power Requirement:** 120VAC or 12VDC neg. gnd. or 8 internal "C" cells (not incl.)

Realistic DX-302. Our finest and most versatile! Operates on AC, 12VDC or internal batteries, and a bright 5-digit LED readout lets you tune *directly* to stations—no calibration is required! A tunable 6-band preselector, with LED band indicators and lighted dial, assures peak sensitivity. To help separate closely-spaced signals, the "302" has six and nine-element ceramic filters, controlled by the wide/narrow IF selectivity switch. RF gain control and 3-step RF attenuator prevent strong signal overloading. Function switch selects lower sideband, upper sideband, standby, AM and AM-ANL (automatic noise limiter) modes. Variable-pitch BFO for easy CW and SSB tuning. Up front speaker and headphone jack. Rear panel jacks let you connect an external speaker, a code key, tape recorder or amplifier. For portable operation, there's even a convenient recessed handle and a dial light switch to conserve batteries. 6x14½x10". U.L. listed. The receiver that has it all—and lets you enjoy it anywhere! Includes whip antenna and 20-page manual. **20-220** **399.95**

Top-Quality Accessories for a Complete Listening Post



Code Oscillator Module



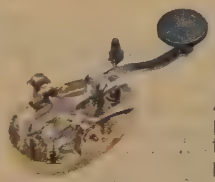
Morse Code Practice Set

A **Code Oscillator Module.** Fully assembled—just add a key, speaker or headphones and a 1½V battery. **20-1155** **2.49**

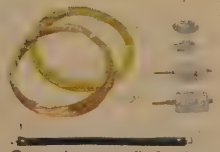
B **Code Practice Set.** Key has adjustable tension and contact spacing. Buzzer sounder with output for headphones. Requires one "D" battery. **20-1087** **5.95**

Brass Hand Key

Fully Adjustable **5.95**



Adjustable spring and contacts. Ball bearing pivots. **20-1084** **5.95**



Shortwave Antenna Kit

8.49

Complete outfit for long-distance reception: 75' copper antenna wire, insulated lead-in, standoff and "egg" insulators, under-window feedthrough. **278-758** **8.49**

Communications Headphones

9.95

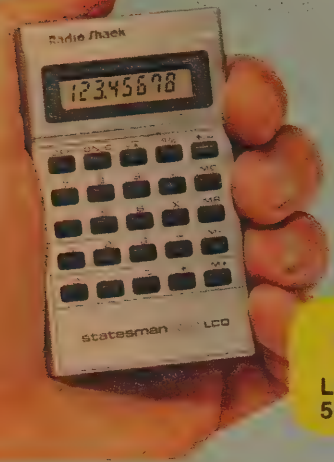
Adjustable headband and padded earcushions for comfortable listening. Monophonic. 4-16 ohms. Std. ¼" plug. **20-200** **9.95**

Code Instruction Cassette

With Manual **5.75**

12 self-paced lessons to 15 words per minute. For all cassette players. **20-026** **5.75**

Shop The Shack®! For Calculators to Fit Every Need



Palm Size LCD Micro

Mini In Size But Packed with Features You Need

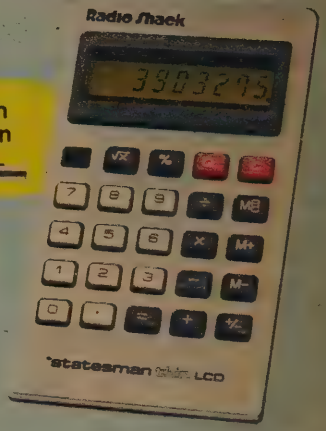
19.95 Includes Fitted Carrying Case

Less Than 5mm Thin

Radio Shack® EC-265. Convenient 4-key memory lets you store and recall numbers with the push of a key. Percent, square root and plus/minus functions plus keys for on/clear and off. Includes "button" cell batteries for over 2000 hours of operation. 3¼x2x 3/16." **65-672** **19.95**

Checkbook Size LCD With Memory

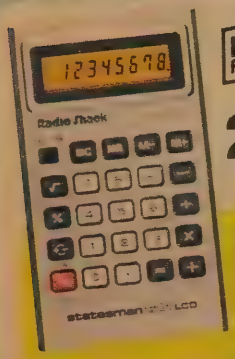
With Case — Less Than 10mm Thin



4-Key Memory, Square Root and Percent Keys

17.95

Radio Shack EC-258. Now you can handle lengthy financial problems with ease. Calculator figures percentages, adds and subtracts in memory. Large 8-digit LCD display is easy to read even in direct sunlight. With "button" cell batteries that last for 1200 hours of operation. 4 1/16x2½x⅜." **65-626** **17.95**



NEW FOR '81

Deluxe LCD with 4-Key Memory

22.95

Features Auto-Shutoff to Save Batteries Plus Square Root, Percent and Sign-Change Keys

With Case

Less Than 10mm Thin

Radio Shack EC-269. Handle lengthy financial and arithmetic problems with ease. Big, easy-to-use keys. Large 8-digit display with overflow and memory indicators. Includes "button" cell batteries that easily last 2000 hours! 4½x 2⅝x7/16." **65-676** **22.95**

8-Digit LCD Calculator with Memory

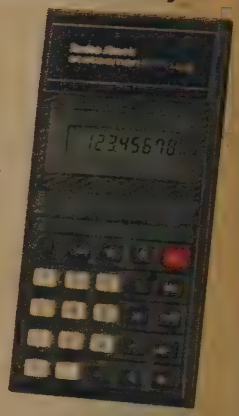
14.95

NEW FOR '81

- *Great for Home, School, Work*
- *Percent and Square Root Keys*
- *Auto-Constant*

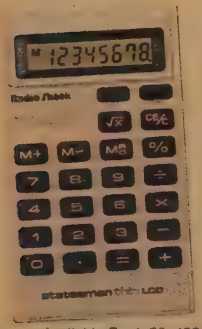
Radio Shack EC-267. Hand-held type, yet has an easy-to-read liquid crystal display! Features full 4-key memory, change-sign key, overflow, error and memory indicators. 5⅝x 2¾x1 1/16." Requires 2 "AA" batteries. **65-674** **14.95**

Includes Fitted Carrying Case



NEW FOR '81

Miniature LCD With Memory Hold



Available Sept. 30, 1980

Less Than 5mm Thin

Auto-Shutoff Turns Calculator Off after 7 Minutes to Save Wear on Batteries

19.95

Large Key-Tops Reduce Entry Errors

Radio Shack EC-268. Simple-to-operate 3-key memory allows easy storage and recall of numbers. Percent, square root, division, multiplication and plus/minus functions plus keys for on/clear and off. Includes batteries for 1000-hour life. 4x2 5/16x3/16." **65-675** **19.95**

Low-Cost LCD Display

- *Easy-to-Read Power Saving LCD Display*
- *Approximates Results in Excess of 8 Digits*

9.95

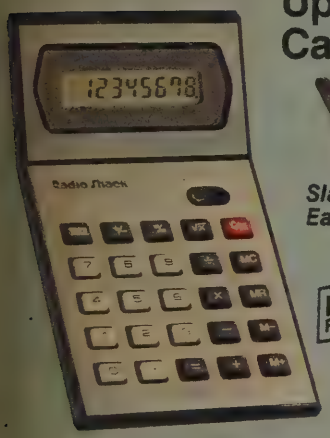
NEW FOR '81

Slanted Design Allows Easy Reading of Digits

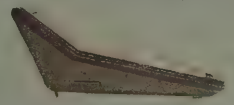
Radio Shack EC-202. A lot of calculating power for very little money. Has one touch percent key, total memory key plus division, multiplication, plus minus keys and keys for clear and off. 4¼x2 7/16x 1⅛." Requires 9V battery. **65-602** **9.95**

ALL RADIO SHACK CALCULATORS INCLUDE A ONE-YEAR PARTS AND LABOR LIMITED WARRANTY

Practical and Fun! Unique "Personal" Calculators



Up-to-the-Second LCD Calculating Timepiece



29.95

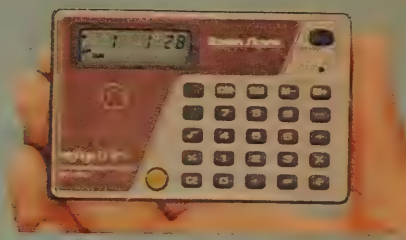
Slanted Display Allows Easy Reading of Digits

NEW FOR '81

- *±3 Seconds Per Day Accuracy*
- *LCD for Low Power Consumption*
- *8000-Hour Battery Life*
- *8-Digit Readout*

Radio Shack EC-305. A calculator and clock in one pocket-sized case. Display reads hours, minutes, seconds and PM. Or press the AC key to calculate square roots, percents, reciprocals, exponential functions and plus/minus, multiplication and division plus time calculations. Clock functions not affected by calculations. 4½x2¾x1⅞." Requires 2 "AA" batteries. **65-695** **29.95**

LCD Minicard Alarm Clock Stopwatch-Calendar-Calculator



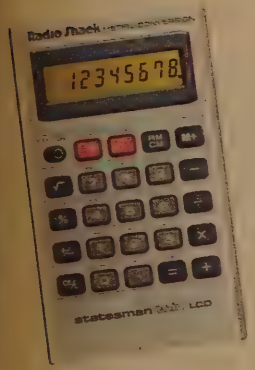
Less Than 5mm Thin

- *Stopwatch is Quartz-Accurate to 1/10 Second*
- *Measures Lap and Net Time to 10 Hours*
- *24-Hour Alarm • 4-Key Addressable Memory*

Was 39.95 in 1980 Catalog — NEW LOW PRICE **34.95**

Radio Shack EC-302. A pocket information center. Eight-digit calculator features constant, percent, add-on/discount and square root capability. Indicators for AM/PM, alarm-set stopwatch lap/stopped, minus, overflow. Includes batteries that last 5000 hours or more. 2 7/16x3 11/16x1 1/64." With instructions, case. **65-692** **34.95**

Novelty Calculators for Work and for Play—Only at The Shack®



Metric Conversion Calculator

NEW FOR '81

24.95

- *8-Digit LCD Display*
- *Convert English to Metric Instantly*

Radio Shack EC-311. Performs 28-metric conversion functions (14 reversible) including in⟷cm, lb⟷kg, F⟷C. Features independent memory, basic arithmetic operations plus percent and square roots. Includes batteries that last for 4000 hours! 4½x2 9/16x⅜." **65-699** **24.95**

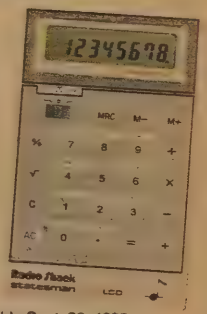
Mathematical Music Master

29.95

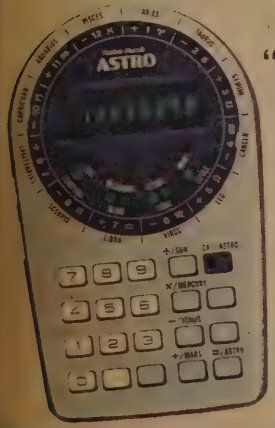
NEW FOR '81

- *LCD Display*
- *Automatic Shutoff*
- *Retains Memory When Power Is Off*

Radio Shack EC-310. "Play the numbers" for math and music. Create original compositions in ♫ mode with 11 melodic tones. Or switch to CAL mode for four basic functions plus square root, percentages. Includes batteries that last for 1500 hours! 3⅞x2 7/16x3/16."
65-698 ..... **29.95**



Available Sept. 30, 1980



"It's Written In the Stars!" Astrological Computer

39.95

- *Great Party Entertainment*
- *Handy Calculator*

Radio Shack EC-312. Goes far beyond the ordinary newspaper horoscope. Just enter birthdate and it computes the position of the planets and their influence on that day. Compare personalities. Also gives daily horoscopes. 4⅝x2⅞x⅞." Requires 2 "AA" batteries.
65-801 ..... **39.95**

Amazing Biorhythm Computer/Calculator

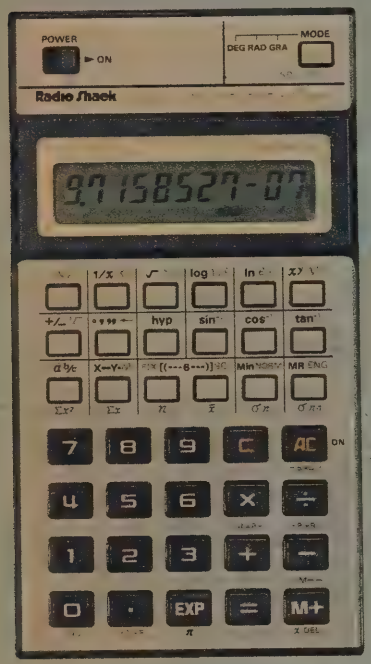
- *Watch for "Critical" Days*
- *Doubles as a 4-Function Calculator*

29.95

Radio Shack EC-314. Charts physical, emotional and intellectual cycles—could even avoid an argument or catching a cold on a bad day. Compare cycles of friends. Calculates biorhythms for past, present, or future dates. Requires 2 "AA" batteries. 5¼x2⅞x⅞."
65-802 ..... **29.95**

Radio Shack® Calculators with Professional Features

LCD Full Scientific Calculator



NEW FOR '81

39.95

- *Automatic Power-Off Function with Memory Retention*
- *Random Number Generator*
- *1000-Hour Battery Life*

Includes leatherette billfold case

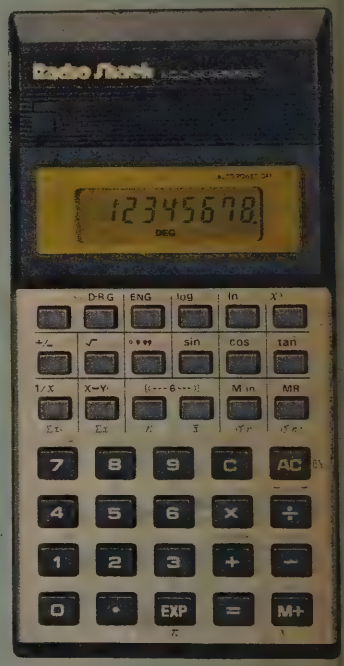
Radio Shack EC-499. All the math power you'll need for complex problems in business, engineering or science are in this powerful calculator. Ten or 8-digit mantissa with exponents up to $10^{\pm 99}$. Six levels of parenthesis, 50 scientific functions, independent memory and more. With batteries. 5 3/16x2 13/16x3/8."
65-655 . . . . . **39.95**

LCD Scientific with Memory

29.95

Perfect for Advanced Math Students

Includes Fitted Carrying Case



Radio Shack EC-498. Computes all trig and log functions plus their inverses. Eight-digits with automatic shift to scientific notation (6-digit mantissa and 2-digit exponent). Memory, Auto-Constant, Auto-Shutoff. Six levels of parenthesis and standard deviations. 5 7/8x3x 3/4." Requires 2 "AA" batteries.
65-654 . . . . . **29.95**

Low-Cost LCD Scientific

NEW FOR '81

21.95

Perfect for Math Students

Includes leatherette billfold case

Radio Shack EC-476. The scientific calculator for students. Forty single-function keys make it really easy to use! Eight-digit display with 5-digit mantissa in scientific notation mode. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. With 1000-hour batteries. 5 1/16x2 3/4x3/8."
65-656 . . . . . **21.95**

High-Power Programmable

59.95

- *Over 80 Pre-Programmed Functions*
- *Stores Up to 150 Keystrokes*

Radio Shack EC-4000. You can "teach" it to help do your work. Accepts up to 50 multi-key program steps, 9 branching instructions, 9 levels of parenthesis, subroutines and labels. Includes 239-page programming guide. Twelve-character LED display. Includes batteries. 5 13/16x3 7/32x1 3/8." **65-650** **59.95**

Low-Cost Calculator Stand

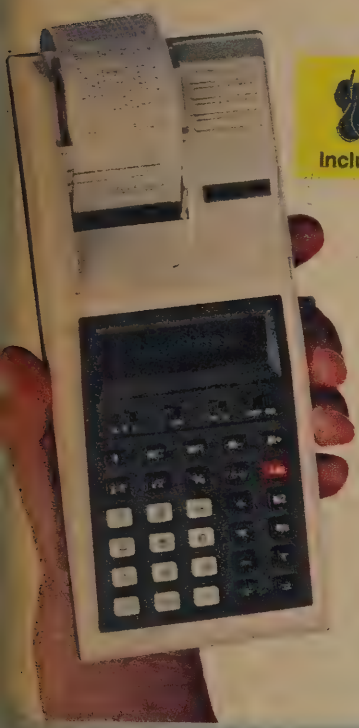
Adjustable Angle **1.99**

Instantly adapts any pocket calculator to convenient desk-top use. Adjustable angle, non-slip feet. **65-705** **1.99**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Calculators for Home or Office from Radio Shack

Hand-Held Printing/Display Calculator with Case



79.95

- *Fits Almost Anywhere, Even in a Briefcase*
- *Select Display Only or Display with Printout*

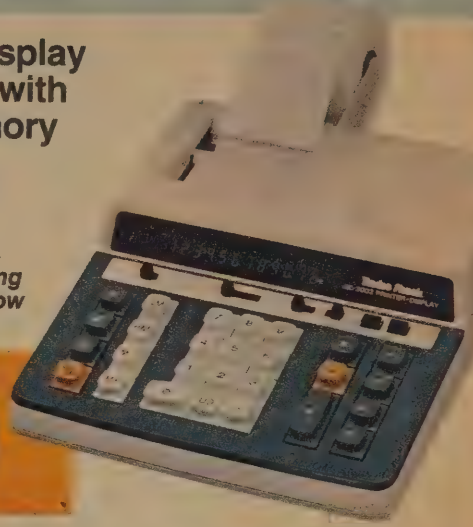
Radio Shack EC-3005. Twelve-digit fluorescent display with floating decimal and over flow indicator. Two-key roll-over and 6-level keyboard buffering, auto-rounding. Constant capability. Four-key memory plus separate percent key. 1¾x3⅖x6⅗." U.L. listed AC adapter, roll of thermal paper, case. Requires 4 "AA" batteries. **65-648** **79.95**

3-Pack of Thermal Paper. 65-708 . . . . . **99¢**

Printing/Display Calculator with 4-Key Memory

99.95

Tape Gives Lasting and Easy-to-Follow Record

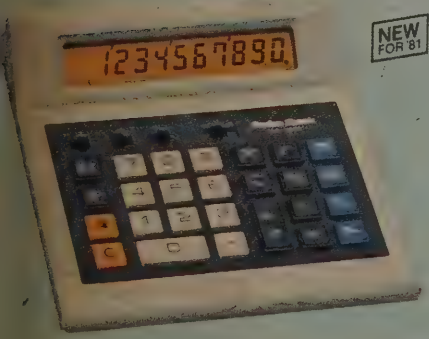


Brilliant 12-Digit Display for Easy Reading

Radio Shack EC-3002. Combines the convenience of a big fluorescent display with a printed tape. Four-key dual memory lets you store calculations, then recall and use them again. Add register simplifies extensions and invoicing. Percent key and "#" non-add key. 3x9x10." With one roll of thermal paper. U.L. listed. **65-645** **99.95**

3-Pack of Thermal Paper. 2¼"x90' each. 65-706 . . . . . **2.79**

10-Digit LCD Desktop



NEW FOR '81

- *Slant Display for Better Visibility*
- *Gross Profit Key*

39.95

Radio Shack EC-2002. Special features make it ideal for business or personal use! Four-key memory lets you add and subtract within memory. Percentage and square root keys, floating or fixed decimal point. 1¼x5 7/16x6 5/16." Requires 2 "AA" batteries for 3000-hours of use. **65-661** **39.95**

Desk Calculator with Memory

29.95

- *4-Key Memory*
- *10-Digit Display*
- *Gross Profit Margin Key*

Radio Shack EC-2001. Features Δ% key to figure percent of change, item key, overflow indicator, negative and memory indicators. 1⅞x6x6½." Requires 2 "D" batteries. **65-660** **29.95**

AC Adapter. U.L. listed. **273-1454** **5.95**

Economical LCD Desktop

The Smallest Calculator with a Full-Size Keyboard That We Know of—Only 4¾x4¾x1½"

Slant Display

NEW FOR '81

19.95

Four-Function Memory

Radio Shack EC-2003. Features 8-digit display and percent key with automatic add-on and discount. Square root key, full floating decimal point. Requires 2 "AA" batteries. **65-662** **19.95**

Radio Shack Reference Books Keep You in Touch

COMPUTER TECHNOLOGY

Beginning Computers. For the novice. Subtitles, diagrams, photos. 49 pages. **62-2003** 1.75

BASIC Computer Games. 84 games for solo and group play. 192 pages. **62-2004** 6.95

TRS-80 Assembly/Language Programming. Computer hardware, software, microcomputers. 304 pages. **62-2006** 3.95

The BASIC Cookbook. Teaches BASIC so you can program a microcomputer. 116 pages. **62-2007** 2.95

57 Practical Programs and Games in BASIC. Includes blackjack, space-war, straight-line depreciation, compounding. 204 pages. **62-2008** 3.95

Understanding Digital Electronics. Explains digital electronic devices, circuits, and systems. 240 pages. **62-2010** 2.95

BASIC Computer Programming. Intro to computers, writing programs. 156 pages. **62-2015** 2.95

BASIC Computer Language. Includes both programmed instruction and user programs. 232 pages. **62-2016** 5.95

Understanding Microprocessors. Learn what microprocessors are and how they can be used. 296 pages. **62-2017** 2.95

Understanding Digital Computers. Easy-to-read programmed course on digital computer basics. 160 pages. **62-2027** 4.95

Level II Programming. Examples of Level II BASIC routines for the TRS-80 Model I. 351 pages. **62-2061** 9.95

Level II Programming Techniques. Supplement to Level II Programming. Common BASIC operations 142 pages. **62-2062** 4.95

TRS-80 Graphics. How to create graphic displays with TRS-80. From line drawings to geometrics to moving-figure animation. 142 pages. **62-2063** 5.95

TRS-80 Programs. 32 fully-documented programs ready-to-run on a TRS-80. Suggested program changes, too. 267 pages. **62-2064** 5.95

How to Program the Z80. Educational text and self-contained reference. From basic concepts to advanced data structures manipulations, with comprehensive description of all Z80 instructions. 626 pages. **62-2066** 10.95

CB-SWL-HAM

Shortwave Listener's Guide. A must for any shortwave listener! Lists stations by country, city, call letters, frequency, power and transmission times. Includes log. 128 pages. **62-2032** 2.25

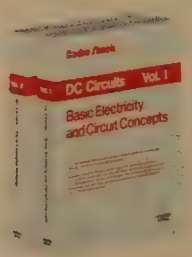
CB-SWL-HAM Log Book. All-purpose! Keep an accurate account of stations heard. Tables for recording frequency, call letters, date, time. 64 pages. **62-2034** 1.75

From 5 Watts to 1000. A programmed course to take you from CB to HAM radio in easy-to-understand sections. Theory, test questions, tips to learn code, and much more. 154 pages. **62-2056** 2.95

CB Radio for Trucks, Cars and Boats. Covers CB communication, licensing, transceiver operation, specs, features, mobile installations. 98 pages **62-2306** 1.25

LEARNING ELECTRONICS

Understanding Calculator Math. Description of basic mathematics using the electronic calculator. 240 pages. **62-2009** 2.95



Basic Electricity

For the Beginning Electronics Student

6.95 Each

Both for **10.88**

Volume I. Introduction to electricity, voltage, Ohm's law, parallel circuits. **62-2019** 6.95

Volume II. Covers voltage dividers, capacitors, inductors, more. **62-2020** 6.95

Understanding Electronic Communications Systems. Description of the basic means of electronic communications. Describes how the various systems work. 256 pages. **62-2018** 2.95

Understanding Solid-State Electronics. A 12-lesson, self-teaching course in semiconductor theory by Texas Instruments Learning Center. 242 pages. **62-2035** 2.95

Electronics Data Book. Reference for formulas, laws, math, and much more. 112 pages. **62-2040** 1.95

Electronics Dictionary. Definitions and illustrations of more than 4800 electronics terms. Expands your vocabulary. **62-2047** 1.95

Math for the Electronics Student. How to solve problems in circuits, induction, capacitance, RMS, peak power, power factor, resonance. 112 pages. **62-2057** 1.95

GENERAL

Guide to Stereo High Fidelity. Perfect intro to component stereo systems, as well as a handbook for the advanced user. Discusses speakers, amplifiers, record players, tape decks, headphones, FM, 4-channel, assembling a system. 175 pages. **62-2029** 1.95

Tube Substitution Handbook. Up-to-date DIRECT tube substitution guide includes more than 12,000 substition tubes for all applications. **62-2030** 1.95

TV Tube Symptoms and Troubles. Complete guide to analyzing tube-related problems shows hundreds of common troubles. Illustrated to make servicing easier 96 pages. **62-2033** 2.25

Guide to VOMs and VTVMs. Describes difference between the two, tells how to service radio, TV, hi-fi, Amateur and CB radios, and more. 96 pages. **62-2039** 1.95

Introduction to Antennas. Comprehensive, easy-to-understand guide. Explains how CB, TV, radio, shortwave antennas are designed. How to choose and install antennas. 128 pages. **62-2051** 1.95

Building Speaker Enclosures. Get extra value and set your own specs by building your own speaker system. Bass-reflex, infinite baffle, acoustic-suspension, many more designs. 96 pages. **62-2055** 1.95

A SAFEHOUSE — Electronically. Perfect primer to setting up a home or business security system. Basic information on various electronic detection systems. 125 pages. **62-2308** 1.75

RADIO SHACK BOOKS ARE WRITTEN BY RESPECTED EXPERTS IN THEIR FIELD

The Amazingly Expandable TRS-80™

16K Level II Shown

TRS-80 Model I—World's Most Popular Personal Computer!

Level I, 4K RAM Still Only **499.00**

Level II, 16K RAM Still Only **849.00**

Quality computing at a competitive price! The TRS-80 Model I fills the bill as an all-purpose personal computer. Thousands have found the TRS-80 ideal for finances, education, accounting, engineering—even games at home. Start with a 4K Level I and expand later—or, if you wish, choose a more powerful system that will suit your needs. U.L. listed.

Level I, 4K RAM. 26-1051 ..... 499.00
Level II, 16K RAM. 26-1056 ..... 849.00
Lower Case Kit. 26-1104 ..... 59.00
Level II ROM Kit. 26-1120 ..... 150.00
Model I System Cover. 26-0501 ..... 7.95
Carrying Case. 26-0500 ..... 75.00

Expansion Interface The Key to a More Powerful TRS-80

Allows Connection of Up to 4 Disk Drives, Printer, RS-232, and Up to 32K of Additional Memory

0K Expansion Interface. 26-1140 ..... 299.00
16K Expansion Interface. 26-1141 ..... 429.00
32K Expansion Interface. 26-1142 ..... 559.00
16K Memory Expansion Kit. 26-1102 ..... 119.00
RS-232C Serial Interface Board. 26-1145 ..... 99.00

Disk Drives for More Storage and Speed

499.00 Each

Get immediate access to the large amounts of data and programs needed for accounting, inventory control and other jobs. Add up to 307 thousand characters of on-line storage with up to 4 drives! U.L. listed.

Mini Disk Drive 1. 26-1160 ..... 499.00
Mini Disk Drive 2, 3, or 4. 26-1161 ..... 499.00

8 Outlet TRS-80 Power-Line Filter

49.00

Limits AC power line interference to your TRS-80 Model I. U.L. listed.
26-1451 ..... 49.00

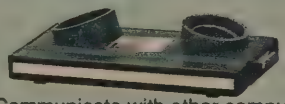
Convenient System Desk

Especially Designed for Model I Systems

199.00

This attractive, sturdy and very functional desk is ideal for business, lab and school TRS-80 users. Keyboard and Expansion Interface fit into recessed spaces on top and interconnected wiring is concealed. Deluxe "comfort-edged" front. 27x48x27"—add a printer and you've still got plenty of work-space! **26-1301** 199.00

Telephone Interface II



199.00

Communicate with other computers over the telephone. **26-1171** 199.00
Software Communications Package. Requires RS-232. **26-1146** 29.95
RS Term. "Dumb" terminal program. Contains printer support. **26-1147** 9.95

Universal Printer Stand

99.00

This heavy-duty stand is designed to match TRS-80 systems.
26-1308 .... 99.00

Model I "Space-Saver" Desk

Designed to Fit in Tight Places

56.00

Attractive, inexpensive, "mini-system" desk. 37¾x23¾". **26-1304** 56.00

TRS-80 Manuals and Worksheets

Level II BASIC Reference. 26-2102 .... 5.95
DOS/Disk BASIC. 26-2104 ..... 5.95
Video/Programming Worksheets. Package of 100. **26-2105** 2.95
Level II/Disk Reference Card. 26-2106 .... 1.00

Mini-Diskettes

Single Diskette. 26-305 ..... 5.95
Diskette 3-Pack. 26-405 ..... 16.95
Diskette Case. Holds up to 10 diskettes. **26-1452** 3.95
Diskette Box. Protects up to 50 mini-diskettes. Adaptable for cassettes. Boxes are stackable. 6 5/16x 10 1/16x7 11/16."
26-1450 ..... 19.95

The Network I Controller

499.00

The Latest Classroom Breakthrough in TRS-80 Instruction!

The Network I Controller lets teachers control and monitor up to 16 TRS-80s from a TRS-80 equipped with at least one mini-disk drive. All TRS-80s should have resident Level II BASIC. Controllers may be cascaded to connect more than 16 students. Cables included. U.L. listed.
26-1210 ..... 499.00

NOTE: SOME COMPUTER ITEMS SHOWN ON THESE PAGES ARE AVAILABLE ONLY ON SPECIAL ORDER

The New Model III

Another Milestone in the TRS-80 Tradition of More Computer for Your Money!

- *Functionally Styled Desk-Top Unit*
- *Upper and Lower Case Characters*
- *Fast Cassette Loading (1500 Baud)*
- *Software Compatibility with Model I*
- *Easy Internal Expansion Capability*
- *Choose popular Level I BASIC for simplicity, or powerful Model III BASIC language*
- *Supports Double-Density Disks, 175K Characters Per Data Disk*

Model III BASIC 16K **999.00**

Expansion covers simulate disk drives

TRS-80 moves into the '80s with a completely new personal computer that's packed with advanced features—upper/lower case character set, real-time clock, sharper CRT images, and a cassette interface that loads three times faster than Model I. Future expansion is a snap! There's room inside for a full 48K 2-disk system! Best news of all is that the Model III is directly software compatible with the vast library of Model I BASIC Programs. This means that software for Model III is available today, including general ledger, payroll, inventory, payables, receivables, advanced statistics, and a host of other applications. Complete with manual. See it at Radio Shack—your computer store! U.L. listed.

Pick the Model III That Meets Your Needs

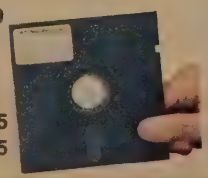
Description	Cat. No.	Price
4K RAM, Level I	26-1061	699.00
16K RAM, Model III BASIC	26-1062	999.00
2-Disk, 32K RS-232	26-1063	2495.00
System Cover	26-0506	7.95

CTR-80A Cassette Recorder

Ideal for loading and recording cassette programs and data. U.L. listed.
26-1206 . . . . . **59.95**
Certified Digital Tape. C-20.
26-0301 . . . . . **3.49**

Model III Mini-Disk Drives

Internal Kits. Vastly increase storage capability.
Disk Drive 1. 26-1162 . . . . . **849.00**
Disk Drive 2. 26-1163 . . . . . **399.00**
External Drives. For even more capacity.
Disk Drive 3. 26-1164 . . . . . **499.00**
Disk Drive 4.
26-1161 . . . . . **499.00**



5¼" Mini-Diskettes. Individually tested against defects.
Single Diskette. 26-0305 . . . . . **5.95**
Diskette 3-Pack. 26-0405 . . . **16.95**

Model III ROM, 16K RAM

Model III BASIC ROM and RAM Kit. Upgrade 4K Level I to 16K RAM plus Model III BASIC. Your local Radio Shack will arrange for the change.
26-1121 . . . . . **299.00**
16K RAM Kit. It's easy to add more memory to your Model III.
26-1102 . . . . . **119.00**

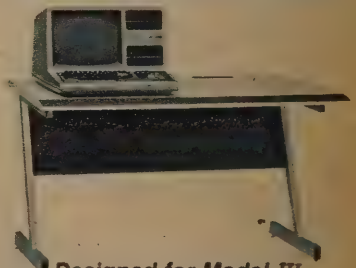
RS-232 Serial Interface Kit

Communications interface lets you add our Telephone Interface II—your Model III can then "talk" to other computers—anywhere!
26-1148 . . . . . **99.00**

Model III Reference Books

Model III Book: Getting Started With BASIC. (Includes Model I.)
26-2107 . . . . . **6.95**
Model III BASIC Reference Manual.
26-2112 . . . . . **5.95**
Model III DOS Manual.
26-2111 . . . . . **6.95**

Attractive System Desk



Designed for Model III

Model III System Desk. A functional place for your system. 27x48x27."
26-1305 . . . . . **179.00**
Disk Bay for above. Handy disk storage.
26-1306 . . . . . **29.00**

Space-Saver Desk

Fits Almost Anywhere

This convenient, inexpensive desk holds a Model III, cassette recorder and printer. 37½x29½x23½."
26-1307 . . . . . **65.00**

COMPUTER UPGRADE KIT PRICES DO NOT INCLUDE REQUIRED INSTALLATION CHARGES

Radio Shack's Library of TRS-80 Model I & III Software

Business

Program	Requires	Cat. No.	Each
Level I Payroll	I	26-1501	19.95
Cassette Mailing List	II	26-1503	19.95
Level II Cassette Payroll	II	26-1504	49.95
Scripsit/Cassette	II	26-1505	69.95
Disk Mailing List	Disk — Mod I Only	26-1551	39.95
General Ledger I	Disk	26-1552	99.95
Inventory Control	Disk	26-1553	99.95
Accounts Payable	Disk	26-1554	149.95
Accounts Receivable	Disk	26-1555	149.95
Disk Payroll	Disk	26-1556	199.95
Concrete Take-Off	Disk	26-1557	199.95
Business Mailing List	Disk	26-1558	99.95
Manufacturing Inventory Control	Disk	26-1559	199.95
Fixed Asset Accounting	Disk	26-1560	79.95
Profile	Disk	26-1562	79.95
Scripsit/Disk	Disk	26-1563	99.95
Mailgram	II, EI, RS-232	26-1564	39.95
Microfiles	Disk	26-1565	99.95
Visicalc	Disk	26-1566	99.95
Real Estate I	II	26-1571	29.95
Real Estate II	II	26-1572	29.95
Real Estate III	II	26-1573	29.95
Real Estate IV	II	26-1574	29.95
Advanced Statistical Analysis	II, Disk	26-1705	39.95

Education

Program	Requires	Cat. No.	Each
Math I, Level I	I	26-1701	19.95
Algebra I, Level I	I	26-1702	19.95
BASIC Computer Literacy	II	26-1708	100.00
Show and Spell	II	26-1712	29.95
Teacher-Aide	II	26-1713	29.95
Advanced Graphics	II	26-1714	29.95
K-8 Math	II	26-1715	199.00
Level I Course	I	26-2003	12.95
Level II BASIC Course Part I	II	26-2005	14.95
Level II BASIC Course Part II	II	26-2006	19.95
Disk BASIC Instruction	Disk — Mod I Only	26-2007	29.95

Games

Program	Requires	Cat. No.	Each
Blackjack Level I	I	26-1801	4.95
Quick, Watson	I, II	26-1802	4.95
Blackjack Level II	II	26-1803	4.95
Level I Games Pack	I	26-1805	19.95
Casino Games Pack	II	26-1806	19.95
Microchess	I, II	26-1901	19.95
Micro Music	I, II	26-1902	9.95
Micro Movie	I, II	26-1903	9.95
Flying Saucer	I, II	26-1905	9.95
Invasion Force	II	26-1906	14.95
Checkers 80	II	26-1907	9.95
Eliza	II	26-1908	14.95
Pyramid	II	26-1909	14.95
Haunted House	II	26-1910	9.95
Dancing Demon	II	26-1911	9.95
Space Warp	I, II	26-1912	14.95

*Available 11/15

Languages

Program	Requires	Cat. No.	Each
Tape Editor /Assembler	II — Mod I Only	26-2002	29.95
Tiny Pascal Tape	II — Mod I Only	26-2009	19.95
FORTRAN	Disk — Mod I Only	26-2201	99.95
Macro Editor/Assembler	Disk — Mod I Only	26-2202	99.95
COBOL Model I*	Disk	26-2203	199.00
Compiler BASIC*	Disk	26-2204	149.00

Personal

Program	Requires	Cat. No.	Each
In-Memory Information	II	26-1508	19.95
Cassette Portfolio	II	26-1506	29.95
Standard & Poor's STOCKPACK System	Disk	26-1507	49.95
Personal Finance Level I	I	26-1602	14.95
Budget Management	II, Disk	26-1603	19.95
Versafile	Disk	26-1604	29.95
Astrology	II	26-1605	29.95
Statistical Analysis Level I	I	26-1703	29.95
IQ Builder	I, II	26-1706	29.95
Micro Marquee	I, II	26-1904	4.95

Utilities

Program	Requires	Cat. No.	Each
Double Precision Subroutines	II	26-1704	9.95
T-Bug	I, II — Mod I Only	26-2001	14.95
Renumber	II	26-2004	9.95

PROGRAM REQUIREMENTS LEGEND:

I = 4K Level I System
II = 16K Level II or Model III BASIC
Disk = 32K, 2 Disk System

All programs will work on Model I or Model III unless otherwise noted.

TRS-80 Applications Sourcebook is Here

We've compiled a listing of TRS-80 applications for sale by a variety of vendors. Program categories include — Business, Education, Specific Industry/Profession, Statistics/Math, Home and Games. Each listing includes a description, hardware required, prices and how you can order direct from the vendor. We haven't seen or tested the programs that are listed so we cannot be responsible for any problems or misrepresentations. However, we're sure you'll find the Sourcebook is the place to look for the software you need! **26-2113** . . . . . **99¢**

NEW! TRS-80 VIDEOTEX™

Radio Shack announces its exclusive TRS-80 VIDEOTEX communications service for owners of personal microcomputers. Special VIDEOTEX software and your communication-equipped TRS-80 gives you telephone access to the spectrum of CompuServe® Information Services network. In many cities news, sports, stock prices, programs, TRS-80 Newsletter, electronic mail service and more are just a local phone call away. TRS-80 package including manual, program tape, password and a free hour of CompuServe costs just $29.95. Dumb terminal and software for other microcomputers are also available.

*CompuServe is a trademark of CompuServe Information Service

SEE YOUR NEAREST PARTICIPATING RADIO SHACK FOR NEW SOFTWARE RELEASES

TRS-80™ Model II – Best Buy In a Business Microcomputer!

You Can Own Our Top-of-the-Line For an Unbelievably Low Price!

Our Features Start Where Other Computers Finish!

Priced From

3450.00

- *32 or 64 Thousand Character Internal Memory*
- *Built-In 8″ Double-Density Disk Drive*
- *Growing Library of Powerful Applications Software!*

Model II packs enough data handling power for many small businesses and has more features than other computers that sell for twice the price! Buy it with either 32 or 64-thousand characters of internal memory and a central processor that zips through data-handling operations at twice the speed of our other computers! Permanently file 416 thousand characters of records and programs on interchangeable floppy diskettes using the built-in 8″ drive. Easy operating keyboard and controls, large 12″ video monitor, and quality lower-case characters are a few of its user-oriented features. Future expansion is easy with its wide range of accessories!

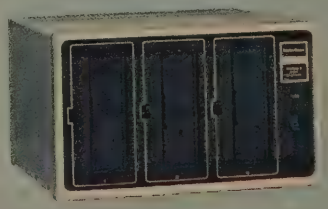
Powerful application software like General Ledger, Accounts Receivable, Scripsit Word Processing and languages like COBOL and FORTRAN make your Model II ready to work shortly after you buy it without hiring an "expert." Order one today! Ask about leasing and on-site service. Includes Model II BASIC, TRSDOS and Operating Manual. U.L. listed.

32K, 1-Disk TRS-80 Model II. 26-4001 ..... **3450.00**
64K, 1-Disk TRS-80 Model II. 26-4002 ..... **3899.00**
32K Memory Board. 26-4102 ..... **449.00**
Model II System Cover. 26-4051 ..... **9.95**

Check Our Growing Line of Model II Software○

Program	Cat. No.	Each
General Ledger	26-4501	199.00
Inventory Management	26-4502	199.00
Payroll	26-4503	399.00
Accounts Receivable*	26-4504	299.00
Accounts Payable	26-4505	299.00
Mailing List	26-4506	79.00
Versafile	26-4510	69.00
Profile II*	26-4512	179.00
Scripsit (Word Processor)*	26-4530	299.00
Accounts Receivable Series I	26-4554	199.00
Accounts Receivable, 3 Disk†	26-4604	499.00
Accounts Payable, 3 Disk*	26-4605	499.00
FORTRAN	26-4701	299.00
Editor/Assembler	26-4702	199.00
COBOL	26-4703	299.00
Compiler BASIC†	26-4705	199.00
Text Editor†	26-4710	79.00

†Expected availability—October 1980
*Expected availability—November 1980
○ Software requires a 64K Model II



Disk Expansion Systems

Plugs into Model II to provide up to 1.5 million extra characters of storage!

1-Drive System. 26-4160 .. **1150.00**
2-Drive System. 26-4161 .. **1750.00**
3-Drive System. 26-4162 .. **2350.00**
Disk Drive Kit. 26-4163 .... **600.00**

8″ Blank Diskette. 26-4905 ..... **7.50**
8″ Diskette 10-Pack. 26-4906 ..... **69.95**
8″ Diskette Envelopes 10-Pack. 26-4907 ..... **7.95**

Model II System Desk

Designed especially for Model II. Large drawer with center divider stores diskettes and more. It mounts under the top or can be lowered and disk unit placed above. **26-4301** **369.00**

Model II Printer Stand*

Stylishly designed to match the Model II System Desk. Frees workspace on your desk top.
26-4302 ..... **149.00**

Reference Material

Model II Owner's Manual. 26-4920 ..... **24.95**
Model II Technical/Reference Manual. 26-4921 ..... **29.95**

CHECK WITH YOUR RADIO SHACK STORE FOR THE LATEST SOFTWARE RELEASES

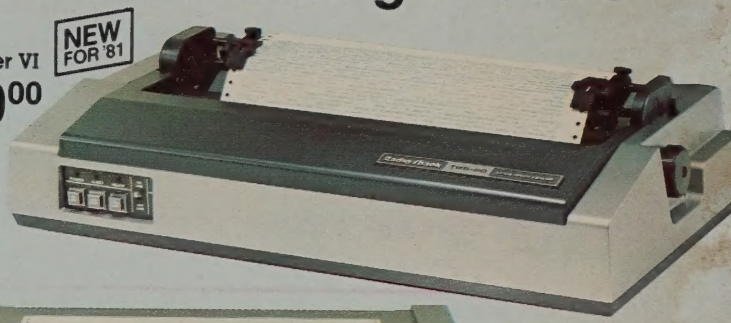
TRS-80's Wide Choice of Outstanding Printers

NEW FOR '81

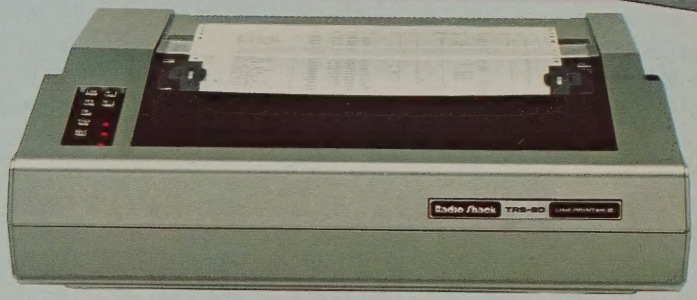
Line Printer IV
999.00

Line Printer VI
1160.00

NEW FOR '81



Quick Printer II
219.00



Line Printer III
1960.00

Quick Printer II. The printer everyone can afford! Prints two 32-column lines per second with full "wrap-around" on 2⅜" wide aluminum-coated paper. Software selectable upper and lower case plus expanded letters. Connects directly to all Level II TRS-80s. Also contains parallel and RS-232 interfaces. U.L. listed.
26-1155 . . . . . **219.00**

Line Printer II. Eighty-column printing at low cost! Prints 100 characters per second on 8" lines—upper and lower case. Even prints expanded characters that are ideal for headings. Uses 9¼" fanfold, roll or single sheet paper. Pin or pressure feed, 2 carbons. Appearance same as LP IV below. U.L. listed. **26-1154** **799.00**

Line Printer IV. The best features of Line Printer II and more, beginning with upper/lower case characters approaching "letter quality." Prints 80 or 132 columns on 8" lines or high-density proportionally spaced characters under software control. Handles roll paper, 9¼" fan-fold or single sheets, with two carbons! U.L. listed. **26-1159** **999.00**

Line Printer III. Designed for heavy business use. Bidirectional 9x7 dot-matrix head prints upper and lower case characters as well as numbers at a speedy 120 characters per second! Adjustable line feed increments for accurate printing on pre-printed forms such as checks. Tractor mechanism will handle any fan-fold computer paper up to 15" wide! An excellent printer at an excellent price. U.L. listed.
26-1156 . . . . . **1960.00**

Line Printer VI. A tremendous value, this printer includes many outstanding features! It prints full upper and lower case characters plus graphic characters and special symbols that come in handy. The bidirectional 9x7 printhead operates at 100 characters per second. Uses 4" to 15" fan-fold, roll or single-sheet paper. There's even a complete, built-in character self-test. U.L. listed. Removable, adjustable forms tractor included.
26-1166 (Available 9/30) **1160.00**

Plotter/Printer

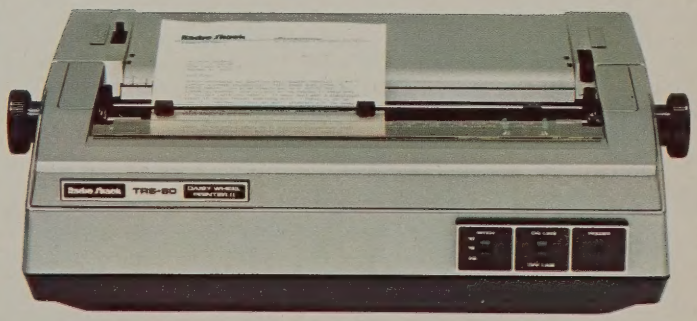
1460.00

NEW FOR '81

• Quality Printing! • Quick Plotting!

Multidirectional printing lets you plot graphs 5 feet tall if you like! Plots of circular functions are a snap! Use it as your line printer, too. Easily prints a normal upper case character set. Average print speed is 10 characters per second on 7½" lines. U.L. listed.
26-1190 (Available 9/30) **1460.00**

Word-Processing Quality Daisy Wheel Printer II



NEW FOR '81

- ***Electric Typewriter Quality***
- ***Ideal for Use with SCRIPSIT™***

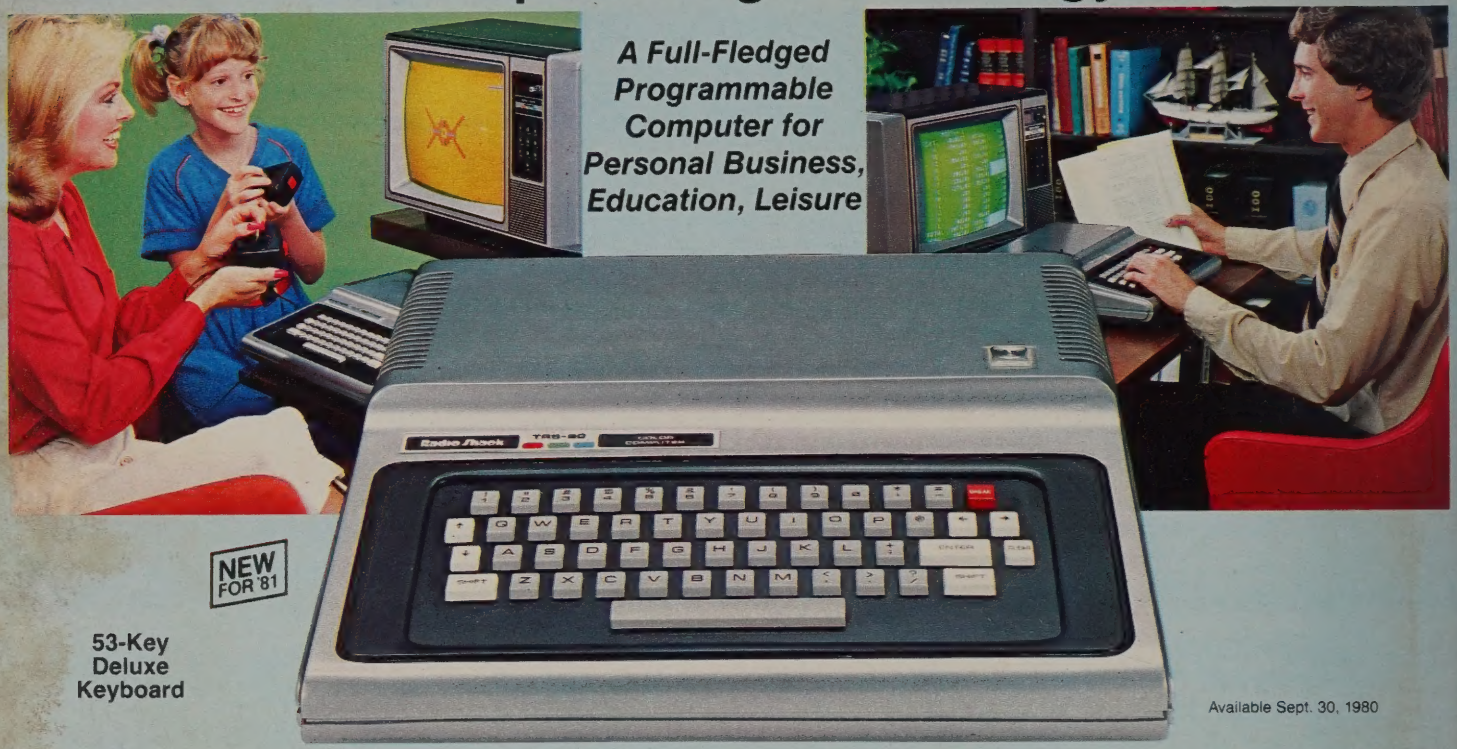
1960.00

The Features and Quality You Need for Word-Processing Applications!

Daisy Wheel II. High-speed interchangeable character-wheel and carbon multi-strike ribbon give you the results you need for business word-processing use! Select 10 or 12 pitch, or proportional spacing, and print up to 163 characters per 13.6" line at 43 characters per second. A pinchfeed roller takes any paper size from 4" to 14⅞" fan-fold or single sheets with up to two carbons. U.L. listed. **26-1158** **1960.00**

IMPORTANT: Printers require a cable, not supplied. Ask your nearby Radio Shack store for the type needed. Some computer equipment may require Special Order.

TRS-80™ Color Computer–High Technology at Low Cost



A Full-Fledged Programmable Computer for Personal Business, Education, Leisure

NEW FOR '81

53-Key Deluxe Keyboard

Available Sept. 30, 1980

It's a Game Computer the Whole Family Can Enjoy!

- ***Vivid Color Graphics and Sound***
- ***Quickly Attaches to Any Color TV***
- ***Variety of Entertainment Cartridges***
- ***RS232C Expansion Port***

Bring the excitement of computer arcade fun right into your own home! Travel into outer space, challenge the "mind" of a thinking machine, experience the thrill of high-speed electronic action games! With the TRS-80 Color Computer, you can choose from all kinds of optional "plug-in and play" game cartridges.

Low As 399.00

4K TRS-80 Color Computer.
26-3001 . . . . . **399.00**

16K Memory Conversion.
26-3015 . . . . . **119.00**

Extended BASIC Add-On.
26-3018 (Available 11/30/80) **99.00**

Color Computer with Extended BASIC and 16K Memory.
26-3002 (Available 11/30/80) **599.00**

Color Computer Dust Cover.
26-3006 . . . . . **4.95**

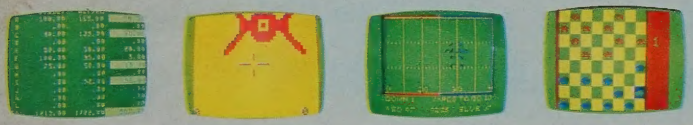
CTR-80A Cassette Recorder with Cable. 26-1206 . . . . . **59.95**

It's Also a Hard-Working Personal Computer!

- ***Powerful Color Computer BASIC***
- ***Advanced Graphics Capabilities***
- ***4000 Character Memory, Expandable to 16,000***

It isn't just for fun. Plug-in a program cartridge like "Personal Finance," or write your own programs in easy-to-learn BASIC language and store them on cassette tape for later use (recorder optional). Future expansion is a snap! You can add more memory, or Extended-Color BASIC plus disk, printers, and telephone modem available soon. U.L. listed.

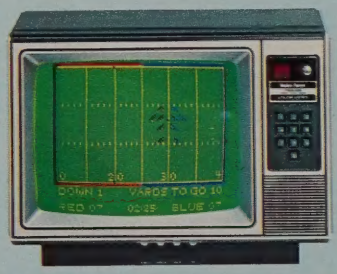
Instant-Load Color Software



Program Pak™	Cat. No.	Each
Chess	26-3050	39.95
Quasar*	26-3051	39.95
Pinball*	26-3052	29.95
Football*	26-3053	39.95
Checkers	26-3055	29.95
Personal Finance	26-3101	39.95
Math Bingo*	26-3150	29.95
Music	26-3151	29.95

*Require Joysticks

Program Pak™ Cartridges Fit Easily Into Place



TRS-80 13" Color Video Receiver. A quality set to match your TRS-80 Color Computer.
26-3010 . . . . . **399.00**

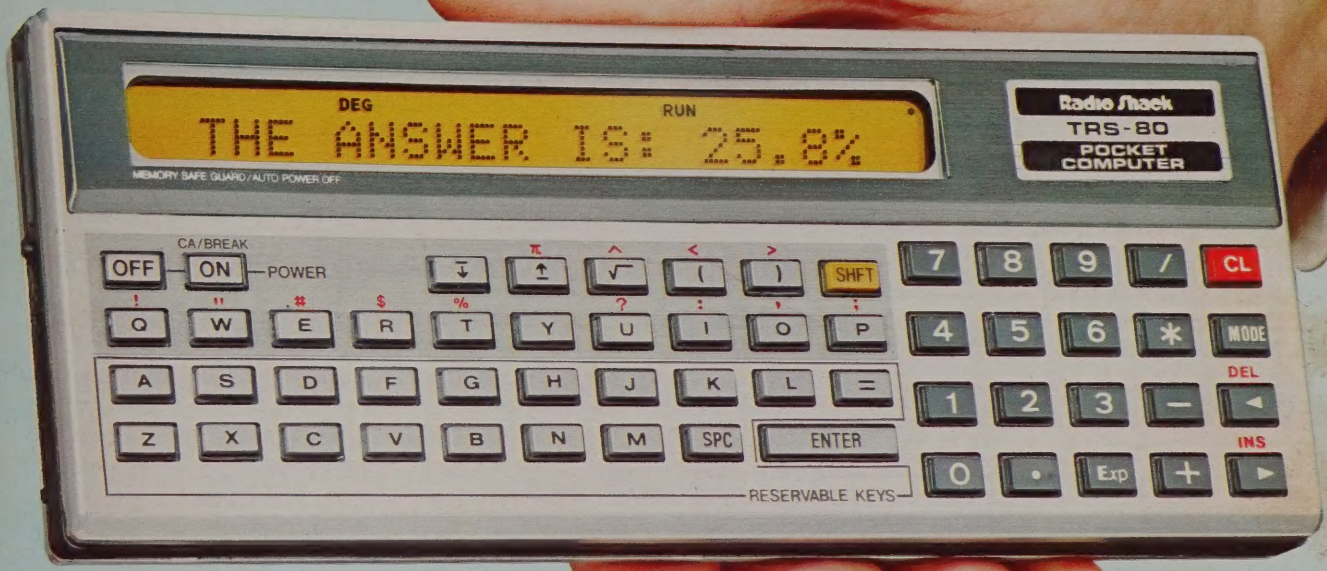
Color Computer Accessories

Make Your Color Computer Even More Versatile

Dual Gyrating Joysticks. Adds excitement to your color computer games.
26-3008 . . . . . **24.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

TRS-80™ Pocket Computer – Greatest Breakthrough Yet



This Is Its Actual Size! Computer Power That Once Filled a Room Can Now Be Carried in Your Pocket!

NEW FOR '81

- *Programs in BASIC*
- *"QWERTY" Alphabetic Keyboard*
- *1.9K Random Access Memory*
- *Long Battery Life*

Only **249.00**

TRS-80 Pocket Computer brings yesterday's science fiction to life at an amazingly low price! Today's advanced technology can always be within your reach to give you the answers you need for fast decision-making! It's easy to load with ready-to-run software from cassette tape (interface and recorder optional), or program it yourself in easy-to-learn BASIC. 24-character liquid crystal readout displays one line at a time. Automatic statement compaction squeezes every ounce of memory space. Computer features power-off retention of programs and data. Powerful resident BASIC language includes multiple statements, math functions, editing, strings, arrays and much more. You'll constantly find new uses for the pocket computer as you make it a part of your lifestyle! Carrying case and batteries included.
26-3501 . . . . . **249.00**

TRS-80 Pocket Computer Software Tapes

Program	Cat. No.	Each
Real Estate	26-3510	24.95
Civil Engineering	26-3511	24.95
Aviation	26-3513	24.95
Math Drill	26-3514	14.95
Games I	26-3515	14.95
Business Statistics	26-3516	19.95
Business Financial	26-3517	19.95
Personal Financial	26-3518	19.95

Pocket Computer Accessories for Tape Programs

Cassette Interface
49.00

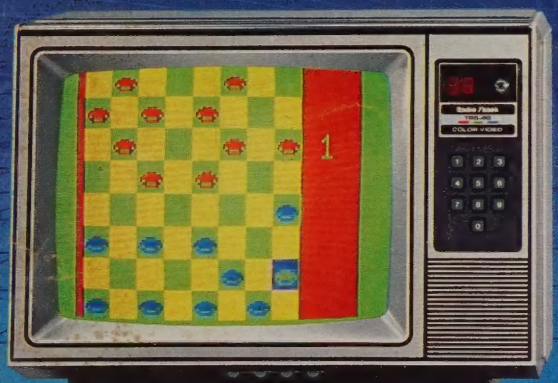
Minisette-9 Recorder
79.95

Cassette Interface. Load and save Pocket Computer programs and data on cassette tapes. Modular design interlocks with Pocket Computer. Requires "AA" battery. Works with Minisette-9 recorder. **26-3503** **49.00**

Minisette-9 Recorder. Fits in a briefcase. See page 39 for details. **14-812** **79.95**

Radio Shack Introduces a Whole New World of Affordable TRS-80™ Computer Systems

Three New Breakthroughs in Personal Microcomputers ... We're Lowering the Cost of High Technology!



TRS-80 Color Computer. An exciting, all-purpose personal computer that attaches to any color TV. Just plug in software cartridges for unlimited applications, or program it yourself. From $399. (Color receiver $399 option.)

TRS-80 Pocket Computer. The little big breakthrough! A computer that programs in BASIC and fits in your pocket. $249.

TRS-80 Model III. An exciting new desktop personal computer for the beginner or advanced business user. Available with up to 48K RAM and two double-density disks — all in one handsome self-contained housing. From $699.

FREE Computer Catalog. Full color, 32 pages. Everything in microcomputers and accessories. Come in and ask for Catalog RSC-4. (Available Sept. 30, 1980.)

See pages 169-175 for details on all TRS-80 computers and accessories

Radio Shack®

The biggest name in little computers™